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COOPER ORNITHOLOGICAL CLUB  
OF CALIFORNIA

# Pacific Coast Avifauna

59.82.06 (774)

No. 3

CHECK-LIST OF CALIFORNIA BIRDS

x 59.82 (774)

— BY —

JOSEPH GRINNELL



SANTA CLARA, CALIFORNIA

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NOTE.

PACIFIC COAST AVIFAUNA No. 3 is the third of a series of publications issued by the Cooper Ornithological Club of California for the accommodation of papers meriting special consideration, or whose length prohibits their appearance in the official organ.

The publications of the Cooper Ornithological Club consist of two series—THE CONDOR, which is the bi-monthly official organ, and the PACIFIC COAST AVIFAUNA. Both sets of publications are sent free to honorary members, and to active members in good standing.

# . CONTENTS. . .

	Page
Map of Life Zones.....	Facing 6
Map of Faunal Areas.....	Facing 6
Preface .....	4-5
Explanation of Distribution Maps.....	6-7
Acknowledgements .....	8
Check-List of California Birds.....	9-74
Hypothetical List.....	75-79
Index.....	81

## PREFACE.

In compiling the present list, the author has tried to be reasonably conservative as regards the admission of species in doubtful standing. In order to be worthy of a place on the State List an "accidental" must have been as a rule secured and preserved so that it can be re-identified whenever desirable. The more unusual and unexpected the alleged occurrence of a species, the better the evidence must be of such occurrence before it can be accepted as authentic.

For the sake of convenience the sequence of the American Ornithologists' Union Check-List is followed. But the nomenclature has in several cases been remodeled according to the best of the author's own knowledge. It is held that actual geographical continuity in range accompanying corresponding intergradation is the criterion for the application of trinomials. Hence nearly all insular and geographically isolated forms should be treated as species. "Slight degree of difference" and "intergradation through individual variation" are criteria which can only lead to endless confusion. It would also seem advisable to use the binomial in both cases until two forms are proven to be in geographical continuity. But this has not been undertaken here. "A binomial is preferable to a trinomial when there is any good excuse for its adoption" (Ridgway).

The author is heartily opposed as a rule to the further subdivision of genera, or the raising of subgenera to full generic rank. It is believed that a multiplicity of genera obscures the expression of relationship at least as much as it elucidates. Subgenera are serviceable in discriminating smaller groups, and, as it is not common to use such names in combination with specific and subspecific ones, they do not encumber every-day nomenclature as if of specific rank.

The first number preceding the accepted name of each species (in heavy-faced type) is the running number of this list. Each subspecies as well as species is given a regular consecutive number; for example 97, 98, 99 and 100 for *Branta canadensis canadensis*, *B. c. hutchinsi*, *B. c. occidentalis* and *B. c. minima*, not 97, 97 a, 97 b and 97 c, as would be the numeration according to the A. O. U. Check-List system. For a subspecies is believed to be just as "important" as a species.

The second number (in parenthesis) is that of the same species on the A. O. U. Check-List.

The "Synonyms" are all the other names besides the accepted one by which each species has been known in California literature; the synonyms, therefore, apply only to the species as occurring within this State. The Index contains both the accepted names and the synonyms, so that it should prove of service in the allocation of names used in the earlier published accounts of California birds.

The "Status" is intended to give in a condensed sentence the range, comparative abundance and season of occurrence of the species in question. The range is usually expressed by Zones and Faunal Areas which are outlined in the accompanying maps. This "Status," although drawn up with care, is intended chiefly

for the younger student of California birds. The faunist and student of distribution must verify the original records and plat each definite station for himself.

Finally, honest criticism of this publication is earnestly requested, to the end that its many errors may come to light, and that more extended and definite information may be forth-coming. The publication of a State List is not the goal of our study, but only a means for obtaining the greater knowledge of the future.

## EXPLANATION OF DISTRIBUTION MAPS.

The accompanying maps are intended in the present connection only as aids in defining the ranges of our birds. Yet a few remarks as to the determination of the regions indicated may not be out of place.

It has been found that the most important factor governing the distribution of plants and animals is temperature; and that the next most important factor, on land, is humidity. Regions of uniform conditions in these respects each possess characteristic assemblages of plants and animals, and many of these are so sensitive that they are not found beyond the realm of such conditions. Plants, especially trees and shrubs, are most satisfactory indices of life areas because the individuals are fixed throughout their lives in one place. But some birds even though capable of extended locomotion seem to be quite as sensitive, while many other birds of more hardy constitutions are also restricted to narrow limits because they are dependent on certain endemic plants for food.

Life Zones are belts of uniform temperature (of the summer season, or season of growth in plants and reproduction in animals). Faunal areas are regions of uniform humidity of the atmosphere (also of the summer season). Lines separating two Zones are therefore theoretically isotherms, or lines connecting points of equal temperature; while lines separating Faunal Areas are isohumes, or lines connecting points of equal humidity. As the direction and extent of Zones are obviously dependent in the main on latitude and altitude, and the extent of Faunal Areas depend on adjacency of bodies of water, the coast-line running nearly north and south, it follows that Faunal Areas are subdivisions of Life Zones. It must be kept in mind that there is seldom an abrupt demarcation between adjacent Zones on Faunal Areas. The lines approximately indicate the middle of the region of merge between two such areas.

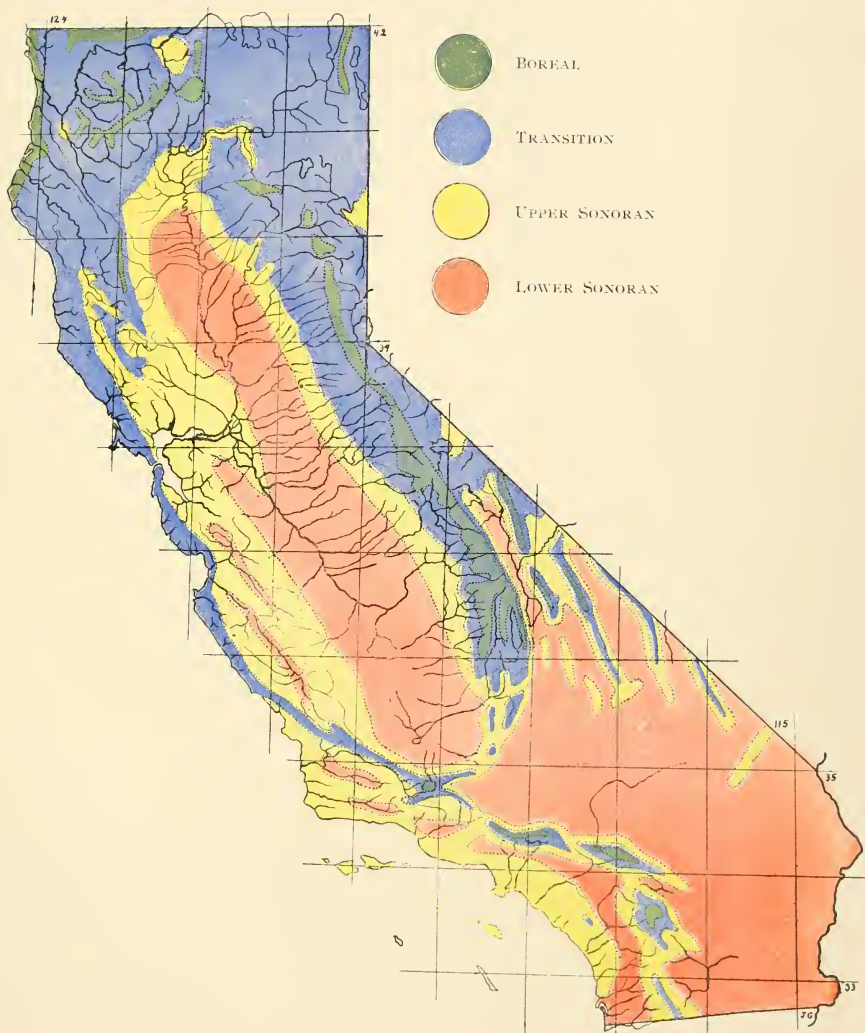
The areas differentially colored on the maps have been outlined as accurately as the information at hand permitted; still the boundary lines must be considered mainly provisional until the State is carefully surveyed zoogeographically.

The Life Zones of California have been distinguished as follows:

BOREAL	{	Alpine-Arctic
		Hudsonian
		Canadian
	{	Transition
AUSTRAL	{	Upper Sonoran
		Lower Sonoran

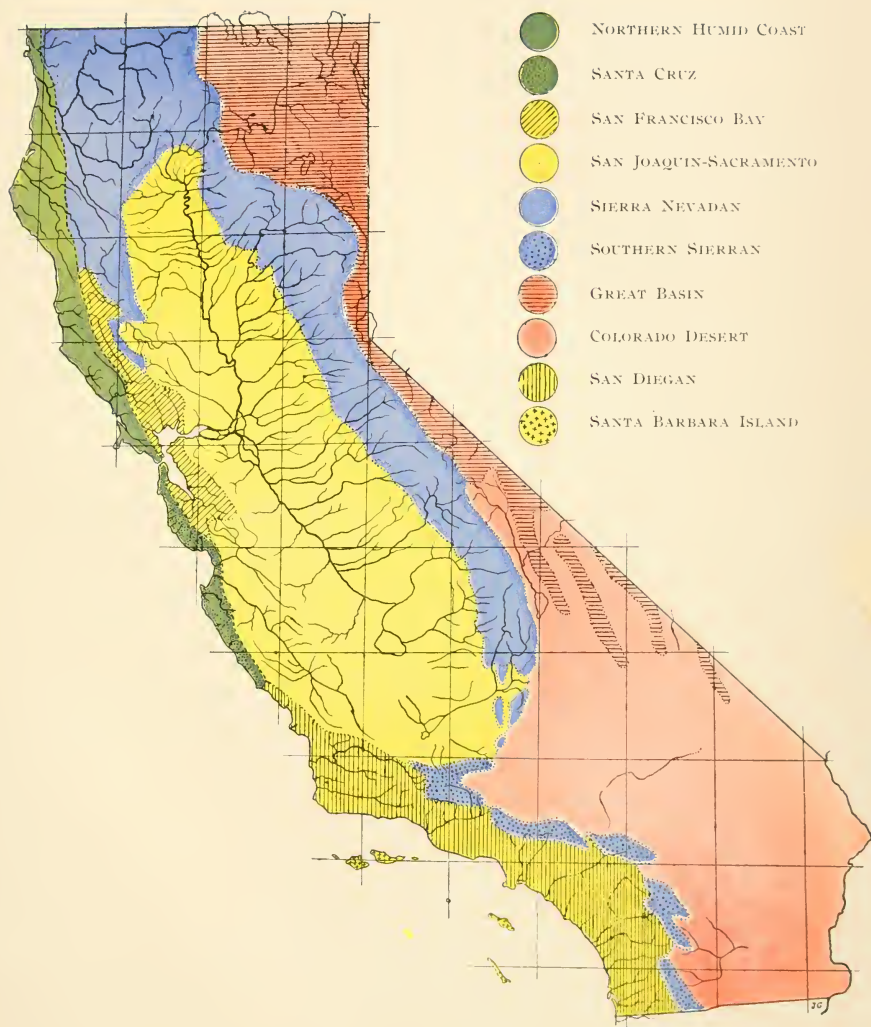
On the maps for reasons of convenience all of Boreal (including Alpine-Arctic, Hudsonian and Canadian) is colored green; Transition is colored blue; Upper Sonoran, yellow; and Lower Sonoran, red.

The Faunal and Sub-faunal Areas here recognized may be classified as follows:



LIFE ZONES OF CALIFORNIA  
(Isothermic Areas)





FAUNAL AREAS OF CALIFORNIA  
(Isohumic Areas)



HUMID COAST FAUNA { Northern Humid Coast Belt (*plain*)  
 (Green) { Santa Cruz District (*dotted*)

CALIFORNIA FAUNA { San Joaquin-Sacramento Basin (*plain*)  
 (Yellow) { San Francisco Bay Region (*obliquely lined*)  
 { San Diegan District (*vertically lined*)  
 { Santa Barbara Islands (*cross-marked*)

SIERRAN FAUNA { Sierra Nevada (*plain*)  
 (Blue) { Southern Sierras (*dotted*)

ARID INTERIOR FAUNA { Great Basin (*horizontally lined*)  
 (Red ) { Colorado Desert (*plain*)

Nomenclatural uniformity cannot here be attempted. The faunal names selected are those believed to carry the clearest ideas of the regions meant to the amateur student of California birds.

## ACKNOWLEDGEMENTS.

During the past nine years the Cooper Ornithological Club, through the activity of its members, has greatly extended our knowledge of the local distribution of bird-life in California. It is to the accurate records of these observers, as much as to all previous field work combined, that we owe the mass of data now available. It is the author's wish that the present brief resume may serve as a recognition of this initial period of activity, and set it off from one of much greater accomplishment sure to follow, for our field is far from exhausted.

In the compilation of this Check-List which is the result of two years' work on the part of the author, he has sought information from every possible source. Aside from published writings, he has not hesitated to seek for information directly from many persons. Invariably he has received cordial assistance wherever solicited.

I have in particular to acknowledge valuable help from Robert Ridgway of the National Museum in comparing specimens and looking up records. I am also indebted to Charles H. Gilbert of Stanford University for critical advice on points of nomenclature; to William R. Dudley and Walter K. Fisher of Stanford University for information in regard to the extent of Life Zones and Faunal Areas, and to the latter also for looking up literature and comparing specimens in Washington; to Leverett M. Loomis for the privilege of examining specimens and books in his charge at the California Academy of Sciences; and to F. S. Daggett, C. Barlow, J. Mailliard, W. O. Emerson, E. Heller, M. P. Anderson and other Cooper Club members for specimens and help in many ways whenever asked.

JOSEPH GRINNELL.

*Stanford University, California,  
April 25, 1902.*

## CHECK-LIST OF CALIFORNIA BIRDS.

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- 1 (1) *Æchmophorus occidentalis* (Lawrence) Coues.

### WESTERN GREBE.

SYN.—*Podiceps clarkii*; *Podiceps occidentalis*; *Æchmophorus occidentalis clarkii*.

STATUS—Fairly common winter visitant coastwise and to the larger bodies of water throughout the State; remains through the summer on the lakes of the northern Sierras (Eagle Lake) where it is known to breed.

- 2 (2) *Colymbus holbælli* (Reinhardt) Ridgway.

### HOLBÆLL GREBE.

SYN.—*Podiceps cristatus*; *Podiceps cooperi*.

STATUS—Rare midwinter visitant along the seacoast south to Santa Barbara; San Francisco Bay.

- 3 (3) *Colymbus auritus* Linnæus.

### HORNED GREBE.

SYN.—*Podiceps cornutus*; *Dytes auritus*.

STATUS—Rare midwinter visitant coastwise and on the larger lakes inland; recorded south to the Colorado River, Riverside and Santa Barbara.

- 4 (4) *Colymbus californicus* (Heermann) Grinnell.

### AMERICAN EARED GREBE.

SYN.—*Podiceps californicus*; *Podiceps auritus* var. *californicus*; *Dytes auritus* var. *californicus*; *Dytes nigricollis californicus*; *Colymbus nigricollis californicus*; *Podiceps californicus*; *Colymbus nigricollis*.

STATUS—A common breeding species on many of the lakes of the interior, principally those of the Transition and Boreal Zones; in winter, generally distributed in favorable localities through the valleys; most abundant along the seacoast.

- 5 (6) *Podilymbus podiceps* (Linnæus) Lawrence.

### PIED-BILLED GREBE.

SYN.—*Podilymbus lineatus*; *Podilymbus carolinensis*; *Podilymbus podiceps*.

STATUS—Fairly common breeding species locally west of the Sierras: more generally distributed during migration; comparatively few pass the entire winter in the southern part of the State coastwise.

- 6 (7) *Gavia imber* (Gunnerus) Allen.

### COMMON LOON.

SYN.—*Colymbus glacialis*; *Colymbus torquatus*; *Urinator immer*; *Urinator imber*.

STATUS—Fairly common winter visitant to the fresh water lakes of the interior; occasional along the seacoast; breeds on the Boreal lakes of the northern Sierras.

7 (10) *Gavia pacifica* (Lawrence) Allen.

## PACIFIC LOON.

SYN.—*Colymbus pacificus*; *Colymbus arcticus* var. *pacificus*; *Urinator pacificus*.

STATUS—Common winter visitant along the whole length of our coast; apparently confined to salt water.

8 (11) *Gavia lumme* (Gunnerus) Allen.

## RED-THROATED LOON.

SYN.—*Colymbus septentrionalis*; *Urinator lumme*.

STATUS—Common winter visitant coastwise along the whole length of the State; confined chiefly to salt water.

9 (12) *Lunda cirrhata* (Pallas) Pallas.

## TUFTED PUFFIN.

SYN.—*Mormon cirrhata*; *Fratercula cirrhata*.

STATUS—Breeds abundantly on the Farallone Islands, and in lesser number near Point Reyes, in Carmel Bay, on San Miguel Island and on Santa Barbara Island; not recorded south of the latter station; seems to be permanently resident on our coast, though more widely disseminated in winter.

10 (15) *Cerorhinca monocerata* (Pallas) Cassin.

## RHINOCEROS AUKLET.

SYN.—*Uria occidentalis*; *Cerorhina occidentalis*; *Cerorhina suckleyi*; *Sagmatorrhina suckleyi*; *Cerorhyncha monocerata*.

STATUS—Fairly common winter visitant along our southern seacoast; said to have formerly bred on the Farallone Islands.

11 (16) *Ptychoramphus aleuticus* (Pallas) Brandt.

## CASSIN AUKLET.

SYN.—*Mergulus cassini*.

STATUS—Permanent resident along the coast well out at sea; breeds abundantly on Santa Barbara and San Miguel Islands and on the Farallones.

12 (17) *Cyclorhynchus psittaculus* (Pallas) Stejneger.

## PAROQUET AUKLET.

STATUS—Known only from the record by L. M. Loomis of five specimens taken in December and January on the ocean and bay in the vicinity of San Francisco.

13 (21) *Synthliboramphus antiquus* (Gmelin) Brandt.

## ANCIENT MURRELET.

STATUS—Recorded only from the ocean and bay in the vicinity of Monterey in mid-winter.

14 (23) *Brachyramphus marmoratus* (Gmelin) Brandt.

## MARBLED MURRELET.

STATUS—Common winter visitant on the ocean coastwise south to San Diego.

- 15 (25)
- Brachyramphus hypoleucus*
- Xantus.

## XANTUS MURRELET.

SYN.—*Eudomychura hypoleuca*; *Micruria hypoleuca*.

STATUS—Fairly common resident along the southern seacoast north to Monterey Bay; once found breeding on Santa Barbara Island.

- 16 (29)
- Cephus columba*
- Pallas.

## PIGEON GUILLEMOT.

SYN.—*Uria columba*.

STATUS—Common resident along the seaboard, breeding at numerous points along the coastline and islands south to Santa Catalina Island; south of the latter point it has not so far been recorded at any season.

- 17 (30 a)
- Uria californica*
- (Bryant) Dall.

## CALIFORNIA MURRE.

SYN.—*Uria troile*; *Uria ringvia*; *Uria lomvia*; *Uria brunnichi*; *Uria lomvia* var. *californica*; *Catarractes californicus*; *Uria lomvia arra*; *Lomvia troile californica*; *Lomvia californica*; *Lomvia troile*; *Uria troile californica*.

STATUS—Permanent resident off the central and northern coast; not yet recorded south of Santa Monica; breeds abundantly on the Farallone Islands.

- 18 (35)
- Megalestris skua*
- (Brunnich) Ridgway.

## SKUA.

SYN.—*Stercorarius catarractes*; *Stercorarius skua*; *Buphagus skua*.

STATUS—Known only from a specimen recorded first by G. N. Lawrence, and still extant, obtained "off the coast of California, near Monterey."

- 19 (36)
- Stercorarius pomarinus*
- (Temminck) Vieillot.

## POMARINE JAEGER.

STATUS—Ascertained by L. M. Loomis to be a common late summer and fall migrant along the coast off Monterey.

- 20 (37)
- Stercorarius parasiticus*
- (Linnæus) Schäffer.

## PARASITIC JAEGER.

STATUS—Common migrant coastwise; and through the winter in smaller numbers along our southern coast.

- 21 (38)
- Stercorarius longicaudus*
- Vieillot.

## LONG-TAILED JAEGER.

STATUS—But one record, that by L. M. Loomis of an adult male secured off Monterey, August 23, 1894.

- 22 (40 a)
- Rissa pollicaris*
- (Ridgway) Stejneger.

## PACIFIC KITTIWAKE.

SYN.—*Rissa kotzebuei*; *Rissa tridactyla kotzebuei*; *Rissa tridactyla pollicaris*.

STATUS—Rare winter visitant coastwise; casual inland; recorded from San Francisco Bay, Nicasio, San Diego, Monterey and Paso Robles.

- 23 (42) *Larus glaucus* Brunnich.

GLAUCOUS GULL.

SYN.—*Larus hutchinsi*.

STATUS—Rare winter visitant coastwise; recorded only from San Francisco Bay, the Farallone Islands and Monterey Bay.

- 24 (44) *Larus glaucescens* Naumann.

GLAUCOUS-WINGED GULL.

STATUS—Common winter visitant along our whole coast; especially numerous on San Francisco Bay.

- 25 (49) *Larus occidentalis* Audubon.

WESTERN GULL.

SYN.—*Larus argentatus* var. *occidentalis*.

STATUS—Abundant permanent resident coastwise, occasionally straying inland (Los Angeles, Sacramento River); breeds at many points on the coast and islands.

- 26 (51 a, 52) *Larus argentatus* Brunnich.

HERRING GULL.

SYN.—*Larus smithsonianus*; *Larus vegæ*; *Larus cachinnans*; *Larus argentatus smithsonianus*.

STATUS—Common winter visitant along our whole coast; occasional inland (Los Angeles).

- 27 (53) *Larus californicus* Lawrence.

CALIFORNIA GULL.

STATUS—Commonly distributed in winter throughout the State, occurring on lakes and streams inland as well as along the seacoast; breeds on lakes east of the Sierras (Eagle Lake).

- 28 (54) *Larus delawarensis* Ord.

RING-BILLED GULL.

STATUS—Fairly common winter visitant along the southern coast of the State north to San Francisco Bay; also in fall and winter on the larger lakes of the interior (Lake Tahoe; Owens Lake).

- 29 (55) *Larus brachyrhynchus* Richardson.

SHORT-BILLED GULL.

SYN.—*Larus canus* var. *brachyrhynchus*.

STATUS—Common winter visitant along our whole seacoast.

- 30 (56) *Larus canus* Linnæus.

MEW GULL.

STATUS—Fairly common winter visitant coastwise (San Francisco Bay, Monterey Bay and southward).

- 31 (57)
- Larus heermanni*
- Cassin.

## HEERMANN GULL.

SYN.—*Blasipus heermanni*; *Blasipus belcheri*.

STATUS—Common but irregular resident along our whole coast, straggling up the Sacramento River; although occurring in greater or less numbers throughout the year, no breeding colony has been discovered north of Lower California.

- 32 (60)
- Larus philadelphia*
- (Ord) Gray.

## BONAPARTE GULL.

SYN.—*Chroicocephalus philadelphia*.

STATUS—Common migrant coastwise; sparingly through the winter on the larger lakes inland as well as along the coast.

- 33 (62)
- Xema sabinei*
- (Sabine) Leach.

## SABINE GULL.

SYN.—*Larus sabini*.

STATUS—Rare spring and fall migrant; recorded only from San Francisco Bay, Monterey Bay and Mono Lake.

- 34 (64)
- Sterna caspia*
- Pallas.

## CASPIAN TERN.

SYN.—*Sterna tschegrava*; *Hydroprogne caspia*.

STATUS—Rare winter visitant coastwise; recorded definitely only from Stockton, San Francisco and San Diego.

- 35 (65)
- Sterna maxima*
- Boddæert.

## ROYAL TERN.

SYN.—*Sterna regia*; *Sterna cayanaensis*; *Thalasseus regius*.

STATUS—Common coastwise at all seasons; not recorded north of San Francisco Bay; said to have been found breeding on San Miguel Island.

- 36 (66)
- Sterna elegans*
- Gambel.

## ELEGANT TERN.

SYN.—*Thalasseus elegans*; *Sterna galericulata*.

STATUS—Fairly common fall and winter visitant coastwise north to San Francisco Bay.

- 37 (69)
- Sterna forsteri*
- Nuttall.

## FORSTER TERN.

STATUS—Common breeding species on the lakes in the interior (Lake Tahoe, Eagle and Elsinore Lakes); common migrant coastwise, and a few pass the winter in the southern coast district.

- 38 (71)
- Sterna paradisæa*
- Brunnich.

## ARCTIC TERN.

SYN.—*Sterna pikei*; *Sterna macrura*.

STATUS—Rare migrant coastwise; definitely recorded only from Monterey Bay.

- 39 (74) *Sterna antillarum* (Lesson) Coues.

LEAST TERN.

SYN.—*Sterna superciliaris* var. *antillarum*.

STATUS—Common summer visitant to the extreme southern seacoast; breeds locally north to Ballona Beach, Los Angeles County.

- 40 (77) *Hydrochelidon surinamensis* (Gmelin) Bonaparte.

BLACK TERN.

SYN.—*Sterna nigra*; *Hydrochelidon nigra*; *Hydrochelidon fissipes*; *Hydrochelidon plumbea*; *Hydrochelidon lariformis*; *Hydrochelidon nigra surinamensis*.

STATUS—Common summer visitant to fresh bodies of water inland; breeds at Eagle Lake, Lake Tahoe, Tulare Lake, Elsinore Lake, and San Jacinto Lake.

- 41 (81) *Diomedea nigripes* Audubon.

BLACK-FOOTED ALBATROSS.

SYN.—*Diomedea fuliginosa*; *Phaebetria fuliginosa* (?)

STATUS—Common on the adjacent ocean through the entire year.

- 42 (82) *Diomedea albatrus* Pallas.

SHORT-TAILED ALBATROSS.

SYN.—*Diomedea brachyura*.

STATUS—Fairly common on the ocean throughout the year.

- 43 (86 b) *Fulmarus glupischa* (Stejneger) Salvin.

PACIFIC FULMAR.

SYN.—*Fulmarus pacificus*; *Fulmarus glacialis*; *Fulmarus glacialis glupischa*.

STATUS—Common but irregular fall and winter visitant on the ocean.

- 44 (86.1) *Fulmarus rodgersi* Cassin.

RODGERS FULMAR.

SYN.—*Fulmarus glacialis rodgersi*; *Fulmarus glacialis columba*.

STATUS—Irrregular fall and winter visitant on the ocean; recorded also from San Francisco Bay.

- 45 (—) *Puffinus bulleri* Salvin.

BULLER SHEARWATER.

STATUS—Known only from the female specimen obtained by L. M. Loomis on Monterey Bay, November 6, 1896.

- 46 (91) *Puffinus creatopus* Coues.

PINK-FOOTED SHEARWATER.

STATUS—Common summer and fall visitant coastwise, though probably breeding in the southern hemisphere; not recorded north of San Francisco.

- 47 (93)
- Puffinus opisthomelas*
- Coues.

## BLACK-VENTED SHEARWATER.

SYN.—*Puffinus gavia*.

STATUS—Common summer visitant on the ocean; said to have been found breeding on Santa Barbara Island, but this seems doubtful.

- 48 (95)
- Puffinus griseus*
- (Gmelin) Finsch.

## DARK-BODIED SHEARWATER.

SYN.—*Nectris fuliginosus*; *Puffinus fuliginosus*; *Puffinus stricklandi*.

STATUS—Abundant summer visitant and migrant on the ocean; probably breeds in the southern hemisphere.

- 49 (96)
- Puffinis tenuirostris*
- (Temminck) Temminck & Schlegel.

## SLENDER-BILLED SHEARWATER.

STATUS—Common midwinter visitant on the ocean (off San Diego and Monterey in 1895).

- 50 (97)
- Puffinus cinereus*
- (Gmelin) Jacquinot & Pucheran.

## BLACK-TAILED SHEARWATER.

SYN.—*Puffinus cinereus*; *Adamastor cinereus*; *Puffinus melanurus*; *Procellaria hæsitata*.

STATUS—Known only from the record by G. N. Lawrence of a specimen, still extant, obtained off Monterey.

- 51 (102)
- Daption capensis*
- (Linnæus) Stephens.

## PINTADO PETREL.

SYN.—*Procellaria capensis*.

STATUS—Known only from the record by G. N. Lawrence of a specimen from "off Monterey."

- 52 (105)
- Oceanodroma furcata*
- (Gmelin) Reichenbach.

## FORKED-TAILED PETREL.

STATUS—Of irregular occurrence on the ocean (June, February, August); recorded south to San Pedro.

- 53 (106)
- Oceanodroma leucorhoa*
- (Vieillot) Stejneger.

## LEACH PETREL.

SYN.—*Thalassidroma leachi*; *Oceanites oceanica*; *Cymochorea leucorhoa*.

STATUS—Apparently a permanent resident on the adjacent ocean; recorded south to Long Beach; found breeding on South Farallon Island, and the coast of Mendocino County.

- 54 (105.2)
- Oceanodroma kaedingi*
- Anthony.

## KAEDING PETREL.

STATUS—Known only from the records by A. W. Anthony of its occurrence on the ocean off southern California.

- 55 (107) *Oceanodroma melania* (Bonaparte) Stejneger.

BLACK PETREL.

SYN.—*Procellaria melania*; *Thalassidroma melania*; *Cymochorea melania*; *Oceanodroma townsendi*.

STATUS—Fairly common resident on the ocean off the southern part of the State; recorded north to Santa Barbara Island; breeds on Los Coronados Islands off San Diego.

- 56 (108) *Oceanodroma homochroa* (Coues) Ridgway.

ASHY PETREL.

SYN.—*Cymochorea homochroa*.

STATUS—Fairly common in summer on the adjacent ocean; breeds on the Farallones and San Miguel Island.

- 57 (108.1) *Oceanodroma socorroensis* Townsend.

SOCORRO PETREL.

STATUS—Fairly common, according to A. W. Anthony, off San Diego in summer, and breeding on Los Coronados Islands.

- 58 (120 c) *Phalacrocorax auritus albociliatus* (Ridgway) Grinnell.

FARALLONE CORMORANT.

SYN.—*Phalacrocorax dilophus albociliatus*; *Graculus dilophus*; *Phalacrocorax dilophus*; *Phalacrocorax dilophus cinctatus*; *Phalacrocorax dilophus* var. *floridanus*; *Phalacrocorax cinctatus*; *Phalacrocorax townsendi*; *Carbo townsendi*; *Carbo dilophus*.

STATUS—Common resident coastwise and on the larger bodies of water inland; breeds at numerous points on the islands and coast as well as in the interior (Eagle Lake, Clear Lake).

- 59 (122) *Phalacrocorax penicillatus* (Brandt) Heermann.

BRANDT CORMORANT.

SYN.—*Carbo penicillatus*; *Graculus penicillatus*.

STATUS—Abundant resident along our whole coast; breeds at many points on the mainland coast and the islands.

- 60 (123 b) *Phalacrocorax pelagicus resplendens* (Audubon) Ridgway.

BAIRD CORMORANT.

SYN.—*Graculus bairdi*; *Graculus violaceus*; *Phalacrocorax violaceus resplendens*; *Graculus violaceus* var. *bairdi*; *Phalacrocorax resplendens*; *Phalacrocorax pelagicus robustus*; *Phalacrocorax violaceus*; *Phalacrocorax palagicus*.

STATUS—Common resident along our whole seacoast; breeds at many points on the coast and islands.

- 61 (125) *Pelecanus erythrorhynchos* Gmelin.

AMERICAN WHITE PELICAN.

SYN.—*Pelecanus trachyrhynchus*; *Pelecanus molinae*.

STATUS—Common migrant through the interior valleys, many wintering in the southern part of the State; breeds abundantly at lakes east of the Sierras (Eagle Lake).

- 62 (127) *Pelecanus californicus* Ridgway.

CALIFORNIA BROWN PELICAN.

SYN.—*Pelecanus fuscus*; *Pelecanus fuscus californicus*.

STATUS—Common resident along our whole seacoast; not known to breed north of Los Coronados Islands.

- 63 (128) *Fregata aquila* (Linnæus) Reichenbach.

MAN-O'-WAR BIRD.

SYN.—*Tachypetes aquilus*.

STATUS—Rare and irregular winter visitant, north to Humboldt Bay; most frequent along our southern seacoast; straggling inland (North Pasadena, Los Angeles, Santa Clara).

- 64 (129) *Merganser americanus* (Cassin) Stejneger.

AMERICAN MERGANSER.

SYN.—*Mergus americanus*; *Mergus merganser americanus*.

STATUS—Fairly common locally in summer about the lakes and streams of the Sierras, where it is known to breed.

- 65 (130) *Merganser serrator* (Linnæus) Shäffer.

RED-BREASTED MERGANSER.

SYN.—*Mergus serrator*.

STATUS—Common winter visitant along our whole seacoast; less numerous at suitable points in the interior (Owens Lake, Lake Tahoe).

- 66 (131) *Lophodytes cucullatus* (Linnæus) Reichenbach.

HOODED MERGANSER.

SYN.—*Mergus cucullatus*.

STATUS—Fairly common in fall and winter on the lakes and streams of the interior.

- 67 (132) *Anas boschas* Linnæus.

MALLARD.

STATUS—Common resident in suitable localities throughout the State; breeds at many points in the interior.

- 68 (135) *Chaulelasmus streperus* (Linnæus) Bonaparte.

GADWALL.

SYN.—*Anas strepera*.

STATUS—Fairly common resident chiefly in the interior valleys, recorded as breeding in Los Angeles County and in the Sacramento Valley.

- 69 (136) *Mareca penelope* (Linnæus) Selby.

WIDGEON.

SYN.—*Anas penelope*.

STATUS—Several specimens recorded as found in winter in the San Francisco markets; also recorded from Eureka.

- 70 (137) *Mareca americana* (Gmelin) Stephens.

BALDPATE.

SYN.—*Anas americana*; *Mareca penelope*, part.

STATUS—Abundant winter visitant in suitable localities throughout the State.

- 71 (138) *Nettion crecca* (Linnæus) Kaup.

EUROPEAN TEAL.

SYN.—*Anas crecca*.

STATUS—Recorded only by J. G. Cooper who states it to have been "found not rarely in California."

- 72 (139) *Nettion carolinensis* (Gmelin) Baird.

GREEN-WINGED TEAL.

SYN.—*Anas carolinensis*; *Querquedula carolinensis*.

STATUS—Abundant winter visitant in suitable localities throughout the State.

- 73 (140) *Querquedula discors* (Linnæus) Stephens.

BLUE-WINGED TEAL.

SYN.—*Anas discors*.

STATUS—Rare winter visitant; recorded from Stockton, San Diego, Agua Caliente, Little Owens Lake, Weaverville, Napa, Los Angeles, El Monte.

- 74 (141) *Querquedula cyanoptera* (Vieillot) Cassin.

CINNAMON TEAL.

SYN.—*Anas cyanoptera*; *Pterocyanca caruleata*; *Pterocyanca discors*.

STATUS—Common summer visitant to the southern and interior portions of the State; breeds numerously in the San Diegan district, in the San Joaquin-Sacramento Valley and east of the Sierras much further north.

- 75 (142) *Spatula clypeata* (Linnæus) Boie.

SHOVELLER.

SYN.—*Rynchaspis clypeata*.

STATUS—Abundant winter visitant on freshwater throughout the State; a few remain through the summer and have been found breeding (Gorman Station, Haywards).

- 76 (143) *Dafila acuta* (Linnæus) Bonaparte.

PINTAIL.

SYN.—*Dafila caudacuta*.

STATUS—Abundant winter visitant to suitable localities throughout the State; recorded as remaining through the summer in small numbers and breeding (Los Angeles County).

- 77 (144) *Aix sponsa* (Linnæus) Bonaparte.

WOOD DUCK.

STATUS—Common resident on the streams and lakes of the interior, especially along the San Joaquin and Sacramento River valleys, where it has been recorded as nesting; also at Lake Tahoe.

78 (146) *Aythya americana* (Eyton) Baird.

## REDHEAD.

SYN.—*Nyroca americana*; *Nyroca ferina*; *Nyroca erythrocephala*; *Aythya erythrocephala*; *Æthya americana*; *Fuligula ferina* var. *americana*.

STATUS—Common resident in suitable localities throughout the State; recorded as breeding at numerous points in the interior valleys.

79 (147) *Aythya vallisneria* (Wilson) Boie.

## CANVAS-BACK.

STATUS—Common winter visitant in suitable localities throughout the State.

80 (148) *Aythya marila* (Linnæus) Boie.

## SCAUP DUCK.

SYN.—*Fulix marila*; *Fuligula marila*; *Aythya marila nearctica*.

STATUS—Fairly common winter visitant on salt and brackish water coastwise: south to San Diego Bay.

81 (149) *Aythya affinis* (Eyton) Stejneger.

## LESSER SCAUP DUCK.

SYN.—*Fuligula mariloides*; *Fuligula affinis*; *Fulix affinis*.

STATUS—Fairly common winter visitant coastwise and on the larger bodies of water inland.

82 (150) *Aythya collaris* (Donovan) Ridgway.

## RING-NECKED DUCK.

SYN.—*Fuligula collaris*; *Fulix collaris*.

STATUS—Judging from the scarcity of records, this species is of rather rare occurrence, and appears only in midwinter; recorded from Lake Tahoe, Pacific Grove and Los Angeles County.

83 (151) *Clangula americana* Bonaparte.

## AMERICAN GOLDEN-EYE.

SYN.—*Clangula clangula americana*; *Bucephala clangula*; *Glaucionetta clangula americana*; *Bucephala americana*; *Bucephala clangula* var. *americana*; *Clangula glaucion americana*.

STATUS—Common winter visitant along our whole seacoast; confined chiefly to salt water though there are also a few records from the interior.

84 (152) *Clangula islandica* (Gmelin) Bonaparte.

## BARROW GOLDEN-EYE.

SYN.—*Bucephala islandica*; *Glaucionetta islandica*.

STATUS—Rare winter visitant; known only from specimens procured in the San Francisco markets.

- 85 (153) *Clangula albeola* (Linnæus) Stephens.

BUFFLE-HEAD.

SYN.—*Bucephala albeola*; *Charitonetta albeola*.

STATUS—Common winter visitant throughout the State, but more particularly on salt and brackish water coastwise.

- 86 (154) *Harelda hyemalis* (Linnæus) Brehm.

OLD-SQUAW.

SYN.—*Harelda glacialis*; *Clangula hyemalis*.

STATUS—Rather rare midwinter visitant; recorded at intervals along the seacoast south to San Diego Bay; more frequent northerly.

- 87 (155) *Histrionicus histrionicus* (Linnæus) Boucard.

HARLEQUIN DUCK.

SYN.—*Histrionicus torquatus*; *Histrionicus minutus*; *Cosmonetta histrionica*.

STATUS—Fairly common in summer along certain streams of the west slope of the Sierras, where it is known to breed; occurs also as a visitant along the seacoast (Monterey).

- 88 (162) *Somateria spectabilis* (Linnæus) Leach.

KING EIDER.

STATUS—Known only from the record by H. W. Henshaw of a specimen taken in winter off Blackpoint, San Francisco.

- 89 (163) *Oidemia americana* Swainson.

AMERICAN SCOTER.

STATUS—Rather rare winter visitant coastwise; recorded south to Santa Catalina Island.

- 90 (165) *Oidemia deglandi* Bonaparte.

WHITE-WINGED SCOTER.

SYN.—*Oidemia fusca*; *Melanetta velvetina*.

STATUS—Common winter visitant along our whole seacoast; a few, probably non-breeders, remain through the summer.

- 91 (166) *Oidemia perspicillata* (Linnæus) Stephens.

SURF SCOTER.

SYN.—*Pelionetta trowbridgei*; *Pelionetta perspicillata*; (*Oidemia perspicillata* var. *trowbridgei*).

STATUS—Abundant winter visitant along our whole seacoast; a few remain through the summer but are not known to breed.

- 92 (167) *Erismatura jamaicensis* (Gmelin) Salvadori.

RUDDY DUCK.

SYN.—*Erismatura rubida*.

STATUS—Common resident in suitable localities throughout the State; breeds at numerous lakes and ponds in the interior.

- 93 (169) *Chen hyperborea hyperborea* (Pallas) Boie.

LESSER SNOW GOOSE.

SYN.—*Anser hyperboreus*; *Anser albatius*; *Chen albatius*; *Chen hyperborea nivalis*.

STATUS—Abundant winter visitant south through the interior valleys to Orange County.

- 94 (169.1) *Chen caerulescens* (Linnæus) Gundlach.

BLUE GOOSE.

STATUS—Known only from the record by L. Belding of two specimens shot near Stockton "about February 1," 1892.

- 95 (170) *Chen rossi* (Cassin) Ridgway.

ROSS SNOW GOOSE.

SYN.—*Anser rossi*.

STATUS—Fairly common winter visitant through the interior valleys; southernmost record, Newport, Orange County.

- 96 (171 a) *Anser gambeli* Hartlaub.

AMERICAN WHITE-FRONTED GOOSE.

SYN.—*Anser erythropus*; *Anser albifrons*; *Bernicla gambeli*; *Anser albifrons gambeli*.

STATUS—Abundant winter visitant in suitable localities throughout the State.

- 97 (172) *Branta canadensis canadensis* (Linnæus) Bannister.

CANADA GOOSE.

STATUS—Seems to be a fairly common midwinter visitant to the interior portions of the State; recorded south to Bixby, Los Angeles County.

- 98 (172 a) *Branta canadensis hutchinsi* (Richardson) Coues.

HUTCHINS GOOSE.

SYN.—*Anser hutchinsi*; *Bernicla hutchinsi*.

STATUS—Abundant winter visitant in suitable localities throughout the State.

- 99 (172 b) *Branta canadensis occidentalis* (Baird) Ridgway.

WHITE-CHEEKED GOOSE.

SYN.—*Branta canadensis*, part; *Bernicla canadensis*; *Branta occidentalis*.

STATUS—Fairly common winter visitant to interior portions of the State; remains through the summer, and recorded as breeding, on lakes northeast of the Sierras (Klamath Lakes, Lake Tahoe).

- 100 (172 c) *Branta canadensis minima* (Ridgway) Ridgway.

CAKCLING GOOSE.

SYN.—*Bernicla leucoparia*; *Branta hutchinsi* var. *leucoparia*; *Branta minima*.

STATUS—Common winter visitant through the interior valleys, south to Ventura County.

- 101 (174) *Branta nigricans* (Lawrence) Bannister.

BLACK BRANT.

SYN.—*Bernicla brenta*; *Bernicla nigricans*.

STATUS—Common midwinter visitant along our whole seacoast.

- 102 (176) *Philacte canagica* (Sebastianoff) Bannister.

EMPEROR GOOSE.

STATUS—Rare winter visitant; recorded from Humboldt Bay, Gridley and San Francisco market.

- 103 (178) *Dendrocygna fulva* (Gmelin) Burmeister.

FULVOUS TREE-DUCK.

STATUS—Common summer visitant to the San Joaquin-Sacramento Valley where it is recorded as breeding; occurs at suitable localities during spring and fall in the southern half of the State; not recorded north of Marysville.

- 104 (180) *Olor columbianus* (Ord) Stejneger.

WHISTLING SWAN.

SYN.—*Cygnus americanus*.

STATUS—Rare winter visitant to the larger lakes and streams of the interior; not recorded south of Ventura County.

- 105 (181) *Olor buccinator* (Richardson) Wagler.

TRUMPETER SWAN.

SYN.—*Cygnus buccinator*.

STATUS—Fairly common midwinter visitant to the larger freshwater bodies; not recorded south of Los Angeles County.

- 106 (187) *Plegadis guarauna* (Linnæus) Ridgway.

WHITE-FACED GLOSSY IBIS.

SYN.—*Falcinellus cayanensis*; *Ibis mexicanus*; *Ibis ordi*; *Ibis thalassinus*.

STATUS—Common summer visitant to the interior of the State north to Sutter County; straggling to the Farallones; breeds at several points in the San Diegoan district.

- 107 (188) *Tantalus loculator* Linnæus.

WOOD IBIS.

STATUS—Irregular visitant to the southern portions of the state; recorded north to Haywards; not known to breed.

- 108 (190) *Botaurus lentiginosus* (Montagu) Stephens.

AMERICAN BITTERN.

SYN.—*Botaurus minor*; *Ardea minor*.

STATUS—Common resident in suitable localities throughout the State; breeds at many points in the interior valleys.

- 109 (191) *Ardetta exilis* (Gmelin) Gundlach.

LEAST BITTERN.

SYN.—*Ardea exilis*; *Ardeola exilis*; *Botaurus exilis*.

STATUS—Fairly common summer visitant to the interior valleys; known to breed in Los Angeles County.

- 110 (194) *Ardea herodias herodias* Linnæus.

GREAT BLUE HERON.

STATUS—Abundant resident in suitable localities throughout the State; breeds at many points in the interior.

- 111 (196) *Ardea egretta* Gmelin.

AMERICAN EGRET.

SYN.—*Herodias egretta*; *Herodias alba egretta*; *Herodias egretta* var. *californica*; *Ardea occidentalis*.

STATUS—Formerly of common occurrence in suitable localities throughout the State; now notably scarce.

- 112 (197) *Ardea candidissima* Gmelin.

SNOWY HERON.

SYN.—*Garzetta candidissima*.

STATUS—Fairly common in summer in the interior valleys.

- 113 (201 b) *Ardea virescens anthonyi* Mearns.

ANTHONY GREEN HERON.

SYN.—*Ardea virescens*; *Butorides virescens*.

STATUS—Common migrant throughout the State; breeds along the larger streams of the interior valleys.

- 114 (202) *Nycticorax nævius* (Boddært) Gray.

BLACK-CROWNED NIGHT HERON.

SYN.—*Nycticorax nycticorax nævius*; *Nycticorax nycticorax*; *Nyctiardea grisea nævia*; *Nycticorax griseus nævius*; *Nyctiardea gardeni*.

STATUS—Abundant resident throughout the State; breeds at many points.

- 115 (206) *Grus mexicana* (Muller) Vieillot.

SANDHILL CRANE.

SYN.—*Grus canadensis*, part; *Grus canadensis mexicana*.

STATUS—Common migrant and winter visitant to the interior valleys; a few pass the summer in the alpine meadows of the northern Sierras, where they are said to breed.

- 116 (210, part) *Rallus obsoletus* Ridgway.

CALIFORNIA CLAPPER RAIL.

SYN.—*Rallus elegans*, part; *Rallus elegans* var. *obsoletus*.

STATUS—Resident on the salt marshes around San Francisco Bay, where it breeds abundantly; Humboldt Bay?

- 117 (210, part) *Rallus levipes* Bangs.

SOUTHERN CALIFORNIA CLAPPER RAIL.

SYN.—*Rallus elegans*, part; *Rallus obsoletus*, part.

STATUS—Common resident on the salt marshes of the Southern California coast from Santa Barbara southeast to Newport Bay.

- 118 (212) *Rallus virginianus* Linnæus.

VIRGINIA RAIL.

STATUS—Common resident in suitable localities throughout the State; recorded as breeding at several points in the interior valleys.

- 119 (214) *Porzana carolina* (Linnæus) Baird.

SORA.

STATUS—Common resident in favorable localities throughout the State; recorded as nesting in freshwater marshes of the interior valleys.

- 120 (215) *Porzana noveboracensis* (Gmelin) Baird.

YELLOW RAIL.

SYN.—*Ortygops noveboracensis*.

STATUS—Of rather rare occurrence in fall and winter in the vicinity of San Francisco Bay; recorded also from Humboldt Bay.

- 121 (216) *Porzana jamaicensis* (Gmelin) Baird.

BLACK RAIL.

SYN.—*Creciscus jamaicensis*.

STATUS—Seems to be a fairly common resident in favorable localities; many fall records from the vicinity of San Francisco Bay.

- 122 (219) *Gallinula galeata* (Lichtenstein) Bonaparte.

FLORIDA GALLINULE.

SYN.—*Gallinula chloropus galeata*.

STATUS—Fairly common resident of the interior valleys, north to Sacramento; several records of breeding in freshwater marshes.

- 123 (221) *Fulica americana* Gmelin.

AMERICAN COOT.

STATUS—Abundant resident in suitable localities throughout the State; breeds at numerous points.

- 124 (222) *Crymophilus fulcarius* (Linnæus) Stejneger.

RED PHALAROPE.

SYN.—*Phalaropus fulcarius*.

STATUS—Common during migration along the coast; occasional inland.

- 125 (223) *Phalaropus lobatus* (Linnæus) Salvadori.

NORTHERN PHALAROPE.

SYN.—*Phalaropus hyperboreus*; *Lobipes lobatus*.

STATUS—Abundant migrant along the seacoast, appearing also on the lakes of the interior.

- 126 (224) *Steganopus tricolor* Vieillot.

WILSON PHALAROPE.

SYN.—*Phalaropus wilsoni*; *Phalaropus tricolor*.

STATUS—Fairly common summer visitant along the eastern border of the State (Lassen County, Owens Valley, Death Valley, Colorado Valley); recorded west of the Sierras only from Riverside; breeds at Lake Tahoe.

- 127 (225) *Recurvirostra americana* Gmelin.

AMERICAN AVOCET.

SYN.—*Recurvirostra occidentalis*.

STATUS—Common summer visitant to many points in the interior of the State, where it breeds; winters numerously in the southern counties.

- 128 (226) *Himantopus mexicanus* (Muller) Ord.

BLACK-NECKED STILT.

SYN.—*Himantopus nigricollis*.

STATUS—Common summer visitant in suitable localities through Upper and Lower Sonoran, where it has been recorded as breeding north to Sutter County west of the Sierras; north to Rhett Lake east of the Sierras.

- 129 (230) *Gallinago delicata* (Ord) A. O. U. Committee.

WILSON SNIBE.

SYN.—*Gallinago wilsoni*; *Scolopax wilsoni*; *Gallinago media*; *Gallinago media wilsoni*.

STATUS—Common winter visitant in suitable localities throughout the State; remains through the summer and breeds in the Boreal valleys of the northern Sierras.

- 130 (232) *Macrorhamphus scolopaceus* (Say) Lawrence.

LONG-BILLED DOWITCHER.

SYN.—*Scolopax grisea*; *Macrorhamphus griseus*; *Scolopax noveboracensis*; *Macrorhamphus griseus scolopaceus*.

STATUS—Fairly common winter visitant to the interior valleys.

- 131 (234) *Tringa canutus* Linnæus.

KNOT.

STATUS—Casual migrant; detected so far only at Humboldt Bay and on the Alameda County shore of San Francisco Bay (May 10, 1896).

- 132 (239) *Tringa maculata* Vieillot.

PECTORAL SANDPIPER.

SYN.—*Actodromas maculata*.

STATUS—Rare migrant; known only from the record by J. G. Cooper of its occurrence at San Francisco Bay.

- 133 (240) *Tringa fuscicollis* Vieillot.

WHITE-RUMPED SANDPIPER.

STATUS—Known only from the record by W. E. Bryant of a female specimen taken near Oakland, October 8, 1883.

- 134 (241) *Tringa bairdi* (Coues) Sclater.

BAIRD SANDPIPER.

SYN.—*Heteropygia bairdi*.

STATUS—Rare migrant; recorded by J. Mailliard from Monterey; three skins listed in Volume XXIV of the "Catalogue of Birds" as from "California."

- 135 (242) *Tringa minutilla* Vieillot.

LEAST SANDPIPER.

SYN.—*Tringa wilsoni*; *Actodromas minutilla*; *Limonites minutilla*.

STATUS—Abundant migrant and winter visitant in suitable localities throughout the State.

- 136 (243 a) *Tringa pacifica* (Coues) Grinnell.

RED-BACKED SANDPIPER.

SYN.—*Tringa alpina pacifica*; *Pelidna alpina americana*; *Pelidna americana*; *Tringa alpina*; *Tringa alpina* var. *americana*.

STATUS—Common winter visitant coastwise; occurs in the interior during migration.

- 137 (247) *Ereunetes occidentalis* Lawrence.

WESTERN SANDPIPER.

SYN.—*Tringa semipalmata*; *Ereunetes petrifcatus*; *Ereunetes pusillus*; *Ereunetes pusillus occidentalis*.

STATUS—Abundant migrant coastwise; less numerous in spring and fall through the interior.

- 138 (248) *Calidris arenaria* (Linnæus) Leach.

SANDERLING.

SYN.—*Tringa arenaria*.

STATUS—Common migrant and winter visitant along the seacoast.

- 139 (249) *Limosa fedoa* (Linnæus) Sabine.

MARBLED GODWIT.

STATUS—Fairly common migrant along the coast; said to remain through the winter in small numbers.

- 140 (254) *Totanus melanoleucus* (Gmelin) Vieillot.

GREATER YELLOW-LEGS.

SYN.—*Gambetta melanoleuca*.

STATUS—Common migrant throughout the State; some pass the winter in the southern coast district, and a few have been found through the summer, but there is no definite breeding record.

- 141 (255) *Totanus flavipes* (Gmelin) Vieillot.

YELLOW-LEGS.

SYN.—*Gambetta flavipes*.

STATUS—Seems to be a rather rare migrant through the interior; there are two records of its occurrence on the seacoast in winter.

- 142 (256 a) *Helodromas solitarius cinnamomeus* (Brewster) A. O. U. Comm.

WESTERN SOLITARY SANDPIPER.

SYN.—*Totanus solitarius*; *Rhyacophitus solitarius*; *Totanus solitarius cinnamomeus*.

STATUS—Fairly common migrant throughout the State.

- 143 (258 a) *Symphemia semipalmata inornata* Brewster.

WESTERN WILLET.

SYN.—*Totanus semipalmatus*; *Symphemia semipalmata*.

STATUS—Common migrant coastwise; occasional through the winter on the tide marshes.

- 144 (259) *Heteractitis incanus* (Gmelin) Stejneger.

WANDERING TATTLER.

SYN.—*Heteroscelus brevipes*; *Heteroscelus incanus*.

STATUS—Common winter visitant along rocky ocean shores.

- 145 (263) *Actitis macularia* (Linnæus) Naumann.

SPOTTED SANDPIPER.

SYN.—*Totanus macularius*; *Tringoides macularius*.

STATUS—Common migrant throughout the State; remains through the summer and breeds along streams and lakes in the Sierras; recorded through the winter along our southern seacoast.

- 146 (264) *Numenius longirostris* Wilson.

LONG-BILLED CURLEW.

STATUS—Common through the winter coastwise and in the interior valleys west of the Sierras; recorded as passing the summer in large numbers and breeding in the Pitt River region in the northwestern corner of the State.

- 147 (265) *Numenius hudsonicus* Latham.

HUDSONIAN CURLEW.

STATUS—Abundant migrant coastwise, occurring also at the larger lakes inland.

- 148 (270) *Squatarola squatarola* (Linnæus) Cuvier.

BLACK-BELLIED PLOVER.

SYN.—*Charadrius squatarola*; *Charadrius helveticus*; *Squatarola helvetica*.

STATUS—Common migrant coastwise; occasional through the interior valleys.

- 149 (272) *Charadrius dominicus* Muller.

AMERICAN GOLDEN PLOVER.

SYN.—*Pluvialis virginica*; *Charadrius virginicus*.

STATUS—Migrant coastwise; so far, detected but rarely.

- 150 (273) *Ægialitis vocifera* (Linnæus) Bonaparte.

KILLDEER.

SYN.—*Oxyechus vociferus*; *Charadrius vociferus*.

STATUS—Abundant resident; breeds in suitable localities throughout the State.

- 151 (274) *Ægialitis semipalmata* Bonaparte.

SEMPALMATED PLOVER.

SYN.—*Ægialeus semipalmatus*.

STATUS—Fairly common migrant along the seacoast.

- 152 (276) *Ægialitis dubia* (Scopoli) Swinhoe.

LITTLE RING PLOVER.

SYN.—*Ægialitis microrhyncha*; *Ægialitis curonica*.

STATUS—Known only from the record by R. Ridgway of a specimen taken at San Francisco.

- 153 (278) *Ægialitis nivosa* Cassin.

SNOWY PLOVER.

SYN.—*Charadrius cantianus*; *Ægialitis cantiana*; *Ægialitis cantiana nivosa*; *Ægialitis alexandrina nivosa*.

STATUS—Common resident of our southern seacoast; recorded north to Cape Mendocino; also at Owens Lake; breeds north at least to Pescadero.

- 154 (280) *Ægialitis wilsonia* (Ord) Bonaparte.

WILSON PLOVER.

STATUS—Known only from the specimen secured by A. M. Ingersoll at Pacific Beach, San Diego County, June 29, 1894.

- 155 (281) *Ægialitis montana* (Townsend) Cassin.

MOUNTAIN PLOVER.

SYN.—*Padasocys montanus*; *Eudromias montanus*; *Charadrius montanus*; *Ægialitis asiaticus* var. *montanus*.

STATUS—Common in winter on the interior plains west of the Sierras; south to Santa Ana.

- 156 (282) *Aphriza virgata* (Gmelin) Gray.

SURF BIRD.

STATUS—Apparently of rather rare occurrence as a migrant; recorded from the Santa Barbara and Farallone Islands, Santa Barbara and Monterey.

- 157 (283.1) *Arenaria morinella* (Linnæus) Palmer.

RUDDY TURNSTONE.

SYN.—*Streptilas interpres*; *Arenaria interpres*.

STATUS—Fairly common migrant coastwise.

- 158 (284) *Arenaria melanocephala* (Vigors) Stejneger.

BLACK TURNSTONE.

SYN.—*Streptilas melanocephalus*.

STATUS—Of common occurrence throughout the year on exposed ocean shores; although individuals remain all summer, they are not known to breed.

- 159 (286.1) *Hæmatopus frazari* Brewster.

FRAZAR OYSTER-CATCHER.

SYN.—*Hæmatopus palliatus*.

STATUS—Rare summer visitant to our extreme southern seacoast; recorded only from San Diego, Santa Barbara Island and the coast of Ventura County.

- 160 (287) *Hæmatopus bachmani* Audubon.

BLACK OYSTER-CATCHER.

SYN.—*Hæmatopus ater*; *Hæmatopus niger*; *Hæmatopus townsendi*.

STATUS—Common resident of exposed rocky shores along our whole seacoast; recorded as breeding at several points.

- 161 (292) *Oreortyx pictus pictus* (Douglas) Baird.

PAINTED PARTRIDGE.

SYN.—*Oreortyx pictus plumiferus*, part; *Callipepla picta*, part.

STATUS—Common resident south through the Humid Coast Transition; Rare in the Santa Cruz Mountains, but more common in the Santa Lucia Mountains in southern Monterey County.

- 162 (292 a) *Oreortyx pictus plumiferus* (Gould) Ridgway.

MOUNTAIN PARTRIDGE.

SYN.—*Oreortyx pictus*, part; *Callipepla picta*, part; *Ortyx plumifera*; *Oreortyx pictus confinis*; *Ortyx picta*.

STATUS—Abundant resident of arid Transition almost throughout the State.

- 163 (294) *Lophortyx californicus californicus* (Shaw & Nodder) Bonaparte.

CALIFORNIA PARTRIDGE.

SYN.—*Callipepla californica*, part; *Ortyx californica*, part; *Lophortyx californicus valli-colus*, part; *Lophortyx californicus brunescens*.

STATUS—Abundant resident of the humid coast belt, south to southern Monterey County, including the San Francisco Bay region.

- 164 (294 a) *Lophortyx californicus vallicolus* (Ridgway) Elliot.

VALLEY PARTRIDGE.

SYN.—*Lophortyx californicus*, part; *Callipepla californica*, part; *Ortyx californica*, part; *Callipepla californica vallicola*.

STATUS—Abundant resident of arid Upper Sonoran almost throughout the State, ranging locally down into Lower Sonoran and up into Transition; in general, the interior valleys west of the Sierras and east of the humid coast belt.

- 165 (295) *Lophortyx gambeli* Gambel.

GAMBEL PARTRIDGE.

SYN.—*Callipepla gambeli*; *Callipepla gambeli deserticola*.

STATUS—Common resident of Lower Sonoran southeast of the Sierras; in general, the desert region north to Death Valley and east to Hesperia and San Geronio Pass.

- 166 (297 a) *Dendragapus obscurus fuliginosus* (Ridgway) Ridgway.

SOOTY GROUSE.

SYN.—*Dendragapus obscurus*; *Dendragapus fuliginosus*; *Tetrao obscurus*; *Canace obscura*.

STATUS—Common resident of timbered Transition and Boreal, east of the humid coast belt, and south through the Sierras to Mount Pinos.

- 167 (300 c) *Bonasa umbellus sabinei* (Douglas) Coues.

OREGON RUFFED GROUSE.

SYN.—*Tetrao sabini*; *Bonasa sabinei*; *Bonasa umbellus*.

STATUS—Fairly common resident of the humid coast Boreal from Cape Mendocino northward.

- 168 (308 a) *Pediæcetes phasainellus columbianus* (Ord) Coues.

COLUMBIAN SHARP-TAILED GROUSE.

SYN.—*Tetrao phasainellus*; *Tetrao columbianus*; *Pediæcetes columbianus*.

STATUS—Fairly common resident in the northeastern corner of the State; that is, of the arid Upper Sonoran east of the Sierras (Upper Pitt River region).

- 169 (309) *Centrocercus urophasianus* (Bonaparte) Swainson.

SAGE GROUSE.

SYN.—*Tetrao urophasianus*.

STATUS—Common resident of the arid Great Basin region east of the Sierras; recorded at many points along our eastern border south casually to the Majave River.

- 170 (312) *Columba fasciata* Say.

BAND-TAILED PIGEON.

SYN.—*Columba monitis*.

STATUS—Abundant but irregular winter visitant to favorable localities throughout the State; recorded as summering and breeding sparingly at several points south to Mt. Wilson, Los Angeles County.

- 171 (316) *Zenaidura macroura* (Linnæus) Ridgway.

MOURNING DOVE.

SYN.—*Columba carolinensis*; *Ectopistes carolinensis*; *Zenaidura carolinensis*.

STATUS—Common summer visitant almost throughout the State; remains through the winter irregularly in the valleys east of the Sierras and southerly.

- 172 (319) *Melopelia leucoptera* (Linnæus) Bonaparte.

WHITE-WINGED DOVE.

STATUS—Rare visitant to the southeastern corner of the State; recorded from the lower Colorado near Yuma, and from "Twenty-nine Palms," Mojave Desert, the latter perhaps doubtful.

- 173 (320 a) *Columbigallina passerina pallescens* (Baird) Ferrari-Perez.

MEXICAN GROUND DOVE.

SYN.—*Chamæpelis passerina*; *Columbigallina passerina*.

STATUS—Rare and irregular visitant; recorded from Monterey, Port Yuma, San Francisco, San Gabriel and Pescadero.

- 174 (324) *Gymnogyps californianus* (Shaw & Nodder) Lesson.

CALIFORNIA VULTURE.

SYN.—*Cathartes californianus*; *Sarcorampus californianus*; *Ænops californiana*; *Pseudogryphus californianus*.

STATUS—Fairly common resident in the southern half of the State, chiefly in mountainous regions; recorded north to Tehama County.

- 175 (325) *Cathartes aura* (Linnæus) Spix.

TURKEY VULTURE.

SYN.—*Rhinogryphus aura*; *Ænops aura*.

STATUS—Common summer visitant almost throughout the State, breeding at many points, chiefly in Upper Sonoran; occurs through the winter irregularly in the southern counties.

- 176 (328) *Elanus leucurus* (Vieillot) Bonaparte.

WHITE-TAILED KITE.

SYN.—*Elanus dispar*; *Elanus glaucus*.

STATUS—Fairly common resident of Upper Sonoran valleys west of the Sierras; recorded north to Red Bluff and south to Alamitos, Los Angeles County.

- 177 (331) *Circus hudsonius* (Linnæus) Vieillot.

MARSH HAWK.

SYN.—*Circus uliginosus*; *Circus cyaneus* var. *hudsonius*.

STATUS—Abundant winter visitant in the lowlands everywhere; remains through the summer and breeds on the interior marshes; reported as nesting south to the vicinity of San Diego.

- 178 (332) *Accipiter velox rufilatus* Ridgway.

WESTERN SHARP-SHINNED HAWK.

SYN.—*Accipiter velox*; *Accipiter fuscus*.

STATUS—Common winter visitant throughout the State below Boreal; remains through the summer and breeds in small numbers in Transition and Boreal.

- 179 (333) *Accipiter cooperi* (Bonaparte) Gray.

COOPER HAWK.

SYN.—*Accipiter cooperi mexicanus*; *Accipiter mexicanus*; *Nisus cooperi*; *Astur cooperi*; *Nisus cooperi* var. *mexicanus*.

STATUS—Fairly common resident almost throughout the State.

- 180 (334 a) *Accipiter atricapillus striatulus* Ridgway.

WESTERN GOSHAWK.

SYN.—*Astur atricapillus*; *Astur palumbarius* var. *striatulus*.

STATUS—Rather rare resident in the northern part of the State; recorded south in winter to Paicines, and in summer through the Sierras to Kaweah River.

- 181 (337 b) *Buteo borealis calurus* (Cassin) Ridgway.

WESTERN RED-TAILED HAWK.

SYN.—*Buteo borealis*; *Buteo calurus*; *Buteo montanus*.

STATUS—Abundant resident almost throughout the State.

- 182 (339 b) *Buteo lineatus elegans* (Cassin) Ridgway.

RED-BELLIED HAWK.

SYN.—*Buteo lineatus*; *Buteo elegans*.

STATUS—Common resident below Boreal; breeds chiefly in the Upper Sonoran interior valleys.

- 183 (340) *Buteo abbreviatus* Cabanis.

ZONE-TAILED HAWK.

SYN.—*Buteo zonocercus*.

STATUS—Known only from the specimen, still extant, taken by J. G. Cooper near San Diego, March, 1862.

- 184 (342) *Buteo swainsoni* Bonaparte.

SWAINSON HAWK.

SYN.—*Buteo insignatus*; *Buteo obsoletus*; *Buteo harlani*; *Buteo oxypterus*.

STATUS—Common spring and summer visitant to the interior valleys west of the Sierras; breeds numerously in the San Joaquin-Sacramento Valley and in the San Diegan district.

- 185 (347 a) *Archibuteo sancti-johannis* (Gmelin) Gray.

AMERICAN ROUGH-LEGGED HAWK.

SYN.—*Archibuteo lagopus*; *Archibuteo lagopus sancti-johannis*.

STATUS—Rather rare winter visitant south through the central part of the State.

- 186 (348)
- Archibuteo ferrugineus*
- (Lichtenstein) Gray.

## FERRUGINOUS ROUGH-LEG.

SYN.—*Falco ferrugineus*; *Buteo californica*.

STATUS—Fairly common resident in the interior west of the Sierras; north through the Sacramento Valley and south into San Diego County.

- 187 (349)
- Aquila chrysaetos*
- (Linnæus) Sprungli.

## GOLDEN EAGLE.

SYN.—*Aquila canadensis*; *Aquila chrysaetos canadensis*.

STATUS—Common resident chiefly in mountainous localities throughout the State.

- 188 (352)
- Haliæetus leucocephalus leucocephalus*
- (Linnæus) Boie.

## BALD EAGLE.

STATUS—Common resident and breeding species among the Santa Barbara Islands; also occurs locally along our whole seacoast, and as an occasional visitant inland along the larger streams and lakes.

- 189 (355)
- Falco mexicanus*
- Schlegel.

## PRAIRIE FALCON.

SYN.—*Falco polyagrus*; *Falco lanarius*; *Falco mexicanus* var. *polyagrus*.

STATUS—Fairly common resident of the valleys and foothill regions throughout the State east of the humid coast belt; breeds chiefly in Upper Sonoran.

- 190 (356)
- Falco anatum anatum*
- Bonaparte.

## DUCK HAWK.

SYN.—*Falco peregrinus anatum*; *Falco nigriceps*; *Falco peregrinus*; *Falco communis* var. *nervius*; *Falco communis* var. *anatum*.

STATUS—Fairly common resident locally throughout the State, though chiefly coastwise.

- 191 (357)
- Falco columbarius columbarius*
- Linnæus.

## PIGEON HAWK.

SYN.—*Hypotriorchis columbarius*; *Æsalon columbarius*; *Falco lithofalco*.

STATUS—Fairly common resident; recorded chiefly during the winter months from interior valleys.

- 192 (357 a)
- Falco columbarius suckleyi*
- Ridgway.

## BLACK MERLIN.

SYN.—*Falco lithofalco* var. *suckleyi*.

STATUS—Rather rare winter visitant into the northern part of the State.

- 193 (358)
- Falco richardsoni*
- Ridgway.

## RICHARDSON MERLIN.

SYN.—*Falco columbarius* var. *richardsoni*.

STATUS—Known only from the record by H. W. Henshaw of a specimen secured at Walker Basin, August 28, 1875.

- 194 (360 a) *Falco sparverius deserticolus* Mearns.

DESERT SPARROW HAWK.

SYN.—*Tinnunculus sparverius*; *Cerchneis sparverius*; *Falco sparverius*.

STATUS—Abundant resident throughout the State.

- 195 (364) *Pandion carolinensis* (Gmelin) Bonaparte.

AMERICAN OSPREY.

SYN.—*Pandion haliaetus carolinensis*; *Pandion haliaetus*.

STATUS—Breeds commonly on the Santa Barbara Islands; also locally along our whole seacoast; occurs during migration on the larger streams and lakes of the interior.

- 196 (365) *Strix pratincola* Bonaparte.

AMERICAN BARN OWL.

SYN.—*Strix flammea pratincola*; *Strix flammea americana*; *Aluco flammeus americanus*; *Strix perlata*.

STATUS—Common resident of the Sonoran Zone in all suitable localities; recorded north in the Sacramento Valley to Woodland.

- 197 (366) *Asio wilsonianus* (Lesson) Coues.

AMERICAN LONG-EARED OWL.

SYN.—*Otus wilsonianus*; *Otus vulgaris wilsonianus*; *Asio americanus*.

STATUS—Common resident of the Sonoran Zone almost throughout the State; breeds at many points in the interior valleys.

- 198 (367) *Asio accipitrinus* (Pallas) Newton.

SHORT-EARED OWL.

SYN.—*Strigiceps uliginosus*; *Brachyotus palustris*; *Brachyotus cassini*; *Otus brachyotus*.

STATUS—Common winter visitant to unwooded districts throughout the State; known to remain through the summer and breed sparingly on certain coast marshes.

- 199 (369) *Syrnium occidentale* Xantus.

SPOTTED OWL.

SYN.—*Syrnium nebulosum*; *Strix occidentalis*.

STATUS—Fairly common resident of the San Diego district from Fort Tejon south, mostly in the foothills; recorded also from Big Trees, Calaveras County.

- 200 (370) *Scotiaptex cinerea* (Gmelin) Swainson.

GREAT GRAY OWL.

SYN.—*Uluia cinerea*; *Syrnium cinereum*.

STATUS—Rare midwinter visitant into the north end of the State; recorded from Chico and the "Sacramento Valley."

- 201 (372) *Cryptoglaux acadica acadica* (Gmelin) Richmond.

SAW-WHET OWL.

SYN.—*Strix frontalis*; *Nyctale albifrons*; *Nyctala acadica*.

STATUS—Perhaps a fairly common winter visitant to the northern half of the State; there are eleven records, the southernmost in the Sierras being from the San Jacinto mountains, and in the coast belt, from Monterey.

- 202 (373 c) *Megascops asio bendirei* (Brewster) Stejneger.

CALIFORNIA SCREECH OWL.

SYN.—*Scops asio*; *Megascops asio*; *Ephialtes asio*; *Ephialtes choliba*; *Scops trichopsis*; *Scops asio* var. *mcalli*; *Scops asio bendirei*.

STATUS—Abundant resident in wooded regions almost throughout the State.

- 203 (374) *Megascops flammeolus flammeolus* (Kaup) Stejneger.

FLAMMULATED SCREECH OWL.

SYN.—*Scops flammeolus*.

STATUS—Recorded twice: a specimen secured at Fort Crook by J. Feilner and one at Big Trees by L. Belding.

- 204 (374 a) *Megascops flammeolus idahoensis* Merriam.

DWARF SCREECH OWL.

SYN.—*Megascops flammeolus*, part.

STATUS—Known only from three specimens recorded from the San Bernardino Mountains, one of which was obtained by M. F. Gilman on San Geronio Peak, May 26, 1893.

- 205 (375 c) *Bubo virginianus saturatus* Ridgway.

DUSKY HORNED OWL.

SYN.—*Bubo virginianus subarcticus*, part.

STATUS—Common resident of the humid coast belt south to Monterey; casual in the Sierra Nevada (El Dorado County).

- 206 (375 d) *Bubo virginianus pacificus* Cassin.

PACIFIC HORNED OWL.

SYN.—*Bubo virginianus subarcticus*, part; *Bubo virginianus*; *Bubo virginianus* var. *arcticus*; *Bubo magellanicus*; *Bubo virginianus atlanticus*.

STATUS—Common resident of wooded regions west and south of the humid coast belt almost throughout the State.

- 207 (376) *Nyctea nyctea* (Linnæus) Lichtenstein.

SNOWY OWL.

STATUS—Rare midwinter visitant; recorded by C. S. Thompson from Santa Cruz, and by D. A. Cohen from Sonoma and Alameda Counties.

- 208 (378) *Speotyto cunicularia hypogæa* (Bonaparte) Coues.

BURROWING OWL.

SYN.—*Strix cunicularia*; *Speotyto cunicularia*; *Athene socialis*; *Athene cunicularia*; *Athene hypogæa*; *Speotyto cunicularia obscura*.

STATUS—Abundant resident of unwooded valleys almost throughout the State, except humid coast belt.

- 209 (379) *Glaucidium gnoma gnoma* Wagler.

PYGMY OWL.

SYN.—*Athene infulcata*; *Glaucidium passerinum* var. *californicum*, part; *Glaucidium gnoma californicum*, part.

STATUS—Common resident of the arid interior mountain regions from Mount Shasta south to the San Bernardino Mountains; recorded from many points in the Sierras.

- 210 (379 a) *Glaucidium gnoma californicum* (Sclater) A. O. U. Committee.

CALIFORNIA PYGMY OWL.

SYN.—*Glaucidium gnoma*, part; *Glaucidium californicum*; *Glaucidium passerinum* var. *californicum*, part; *Glaucidium infulcatum*.

STATUS—Common resident of the humid coast Transition south through the Santa Cruz district to Monterey.

- 211 (381) *Micropallas whitneyi* (Cooper) Sennett.

ELF OWL.

SYN.—*Micrathene whitneyi*.

STATUS—Known only from the records by R. Ridgway of a specimen taken in Kern County and by L. M. Loomis of one said to have been secured near San Bernardino; the latter has been questioned.

- 212 (385) *Geococcyx californianus* (Lesson) Baird.

ROAD-RUNNER.

SYN.—*Leptostoma longicauda*; *Geococcyx viaticus*; *Geococcyx mexicanus*.

STATUS—More or less common resident below Transition almost throughout the State; recorded north through the Sacramento Valley to Battle Creek and Copper City; not recorded in the coast belt north of Marin County.

- 213 (387 a) *Coccyzus americanus occidentalis* Ridgway.

CALIFORNIA CUCKOO.

SYN.—*Coccyzus americanus*; *Coccyzus erythrophthalmus*.

STATUS—Fairly common summer visitant to the interior valleys; seems to be confined to willow bottoms during the nesting season.

- 214 (390) *Ceryle alcyon* (Linnæus) Bonaparte.

BELTED KINGFISHER

SYN.—*Alcedo alcyon*.

STATUS—Common resident along the streams of the interior; more abundant and generally distributed during migration; numerous in winter along our southern seacoast.

- 215 (393 c) *Dryobates villosus harrisi* (Audubon) Ridgway.

HARRIS WOODPECKER.

STATUS—Common resident in the extreme northern part of the humid coast belt; south in winter through this belt as far as Monterey.

- 216 (393 d) *Dryobates villosus hyloscopus* (Cabanis) Brewster.

CABANIS WOODPECKER.

SYN.—*Dryobates villosus harrisi*, part; *Picus harrisi*; *Picus villosus*; *Picus villosus harrisi*; *Dendrocopus harrisi*.

STATUS—Common resident in suitable localities almost throughout the State, but chiefly in Transition south and east of the northern humid coast belt.

- 217 (394 b) *Dryobates pubescens leucurus* (Hartlaub) Fisher.

BATCHELDER WOODPECKER.

SYN.—*Dryobates pubescens oreæcus*; *Dryobates pubescens homorus*.

STATUS—Occurs in winter at least, along the eastern border of the State; recorded from Quincy, Kernville and Fort Tejon.

- 218 (394 a, part) *Dryobates pubescens turati* (Malherbe) Fisher.

WILLOW WOODPECKER.

SYN.—*Dryobates pubescens*; *Picus pubescens gairdneri*; *Dryobates pubescens gairdneri*, part; *Picus gairdneri*; *Picus meridionalis*; *Dendrocopus gairdneri*; *Picus turati*.

STATUS—Common resident in suitable localities almost throughout the State; breeds chiefly in Upper Sonoran west of the Sierras.

- 219 (394 a, part) *Dryobates pubescens gairdneri* (Audubon) Ridgway.

GAIRDNER WOODPECKER.

STATUS—Occurs only in the extreme northern part of the humid coast belt (Del Norte and Siskiyou Counties).

- 220 (396) *Dryobates scalaris bairdi* (Malherbe) Ridgway.

TEXAS WOODPECKER.

SYN.—*Picus scalaris*, part; *Dryobates scalaris*; *Dendrocopus scalaris*.

STATUS—Fairly common resident in the deserts of the southeastern corner of the State; recorded west to Hesperia and San Geronio Pass.

- 221 (396 a) *Dryobates lucasanus* (Xantus) Grinnell.

SAINT LUCAS WOODPECKER.

SYN.—*Dryobates scalaris lucasanus*.

STATUS—Recorded only as found breeding by W. W. Price and E. Heller in the vicinity of Whitewater on the Colorado Desert.

- 222 (397) *Dryobates nuttalli* (Gambel) Ridgway.

NUTTALL WOODPECKER.

SYN.—*Picus scalaris*, part; *Picus nuttalli*; *Picus scalaris* var. *nuttalli*; *Dendrocopus nuttalli*.

STATUS—Common resident of Upper Sonoran west of the Sierras and east of the humid coast belt; recorded from San Diego north to Red Bluff and Yreka.

- 223 (399) *Xenopicus albolarvatus* (Cassin) Malherbe.

WHITE-HEADED WOODPECKER.

SYN.—*Picus albolarvatus*; *Leuconerpes albolarvatus*; *Melanerpes albolarvatus*.

STATUS—Common resident of the Transition and lower Boreal Zones along the whole length of the Sierras from the Cuyamaca Mountains in San Diego County to Mount Shasta.

- 224 (400, part) *Picoides tenuirostris* (Bangs) Sharpe.

SIERRA THREE-TOED WOODPECKER.

SYN.—*Picoides arcticus*; *Picoides arcticus tenuirostris*.

STATUS—Fairly common resident of the Boreal Zone along the northern Sierras; recorded south to Pyramid Peak and Lake Tahoe.

- 225 (402 a) *Sphyrapicus varius nuchalis* Baird.

RED-NAPED SAPSUCKER.

SYN.—*Picus varius*; *Sphyrapicus nuchalis*.

STATUS—Fairly common winter visitant to the southern part of the State, reaching the coast district as far north as Palo Alto and San Geronimo; recorded as passing the summer and breeding in the northeastern corner of the State (Modoc and Lassen Counties).

- 226 (403, part) *Sphyrapicus varius ruber* (Gmelin) Ridgway.

RED-BREASTED SAPSUCKER.

SYN.—*Picus ruber*, part; *Melanerpes ruber*; *Sphyrapicus ruber*, part.

STATUS—Fairly common winter visitant south through the humid coast belt to Monterey.

- 227 (403, part) *Sphyrapicus varius daggetti* Grinnell.

SIERRA SAPSUCKER.

SYN.—*Picus ruber*, part; *Sphyrapicus varius ruber*, part; *Sphyrapicus ruber*, part.

STATUS—Common in summer in the Boreal Zone along almost the whole length of the Sierras, at least from Mount Shasta to the San Bernardino Mountains; in winter irregularly distributed westward through the intervening valleys to the coast.

- 228 (404) *Sphyrapicus thyroideus* (Cassin) Baird.

WILLIAMSON SAPSUCKER.

SYN.—*Picus thyroideus*; *Sphyrapicus williamsoni*; *Melanerpes rubrigularis*.

STATUS—Common resident of the Boreal Zone along the Sierras from Mount Shasta to the San Jacinto Mountains; in winter straggling westward (Santa Cruz, Los Angeles).

- 229 (405 a) *Ceophlæus pileatus abieticola* Bangs.

NORTHERN PILEATED WOODPECKER.

SYN.—*Ceophlæus pileatus*; *Hylotomus pileatus*; *Dryocopus pileatus*; *Dryotomus pileatus*.

STATUS—Fairly common resident of timbered areas in the northern part of the State; recorded in the Sierras south to Kings River Canyon, and in the coast belt to Eel River.

- 230 (407 a) *Melanerpes formicivorus bairdi* Ridgway.

CALIFORNIA WOODPECKER.

SYN.—*Picus formicivorus*; *Melanerpes melanopogon*; *Melanerpes formicivorus*.  
STATUS—Abundant resident in suitable localities west of the Sierras.

- 231 (408) *Melanerpes torquatus* (Wilson) Bonaparte.

LEWIS WOODPECKER.

SYN.—*Asyndesmus torquatus*; *Picus torquatus*.

STATUS—In summer breeds commonly in certain localities along the Sierras south to Fort Tejon, and in Salinas and San Benito Valleys; in winter spread pretty generally throughout the State.

- 232 (411) *Melanerpes uropygialis* (Baird) Ridgway.

GILA WOODPECKER.

SYN.—*Centurus uropygialis*.

STATUS—Resident in small numbers and breeds on the California side of the lower Colorado River in the vicinity of Fort Yuma.

- 233 (412 a) *Colaptes auratus luteus* Bangs.

NORTHERN FLICKER.

SYN.—*Colaptes auratus*; *Colaptes cafer hybridus*; *Colaptes auratus* var. *hybridus*.

STATUS—Pure *auratus* has been recorded many times in winter west of the Sierras and south as far as Warm Springs, San Diego County; "hybrids" are still more frequent.

- 234 (413) *Colaptes cafer collaris* (Vigors) Ridgway.

RED-SHAFTED FLICKER.

SYN.—*Colaptes collaris*; *Colaptes mexicanus*; *Colaptes cafer*; *Colaptes auratus mexicanus*; *Colaptes cafer mexicanus*; *Colaptes ayresi*.

STATUS—Abundant resident in suitable localities throughout the State.

- 235 (413 a) *Colaptes cafer saturator* (Ridgway) A. O. U. Committee.

NORTHWESTERN FLICKER.

STATUS—Winter visitant into the north end of the State, chiefly through the coast belt; recorded from Red Bluff and Humboldt County.

- 236 (418) *Phalænoptilus nuttalli nuttalli* (Audubon) Ridgway.

POOR-WILL.

SYN.—*Antrostomus nuttalli*, part.

STATUS—Fairly common in summer along the whole eastern border of the State east of the Sierras; resident through the year among the desert ranges southeast of the Sierras.

- 237 (418 a) *Phalænoptilus nuttalli nitidus* Brewster.

FROSTED POOR-WILL.

STATUS—Resident in the deserts of southeastern California north to Death Valley.

- 238 (418 b) *Phalænoptilus nuttalli californicus* Ridgway.

DUSKY POOR-WILL.

SYN.—*Antrostomus nuttalli*, part; *Phalænoptilus nuttalli*, part.

STATUS—Common summer visitant to the foothill regions west of the Sierras, chiefly Upper Sonoran; recorded north to Gridley, Butte County; remains through the winter in the southern part of the State.

- 239 (420) *Chordeiles virginianus virginianus* (Gmelin) Swainson.

NIGHTHAWK.

SYN.—*Chordeiles popetue*, part; *Chordeiles virginianus henryi*, part; *Chordeiles popetue* var. *henryi*.

STATUS—Common summer visitant to the Transition and Boreal Zones of the north end of the State and south through the Sierras; recorded during migration more generally through the western valleys.

- 240 (420 a) *Chordeiles virginianus henryi* (Cassin) Coues.

WESTERN NIGHTHAWK.

STATUS—Fairly common summer visitant to the desert regions southeast of the Sierras; recorded north to Mono Lake.

- 241 (421) *Chordeiles acutipennis texensis* (Lawrence) Ridgway.

TEXAS NIGHTHAWK.

SYN.—*Chordeiles texensis*; *Chordeiles virginianus henryi*, part; *Chordeiles popetue*, part; *Chordeiles virginianus*, part.

STATUS.—Abundant summer visitant throughout the Lower Sonoran Zone; recorded north to Bishop in Owens Valley, Stanislaus County, and Paicines in San Binito County.

- 242 (422) *Cypseloides niger borealis* (Kennerley) Drew.

BLACK SWIFT.

SYN.—*Cypseloides niger*; *Cypseloides borealis*; *Nephæcetes niger*.

STATUS—Fairly common locally; occurs in summer irregularly throughout the State.

- 243 (424) *Chætura vauxi* (Townsend) DeKay.

VAUX SWIFT.

SYN.—*Acanthylis vauxi*.

STATUS—Fairly common summer visitant to the humid coast belt from the Santa Cruz Mountains northward; common migrant almost throughout the State.

- 244 (425) *Aeronautes melanoleucus* (Baird) Hartert.

WHITE-THROATED SWIFT.

SYN.—*Panyptila melanoleuca*; *Micropus melanoleucus*; *Cypselus saxatilis*.

STATUS—Fairly common summer visitant to mountainous regions west of the humid coast belt; also along the seacoast north to Santa Cruz; remains nearly through the winter in the southern part of the State.

- 245 (429) *Trochilus alexandri* Bourcier & Mulsant.

BLACK-CHINNED HUMMINGBIRD.

STATUS—Abundant summer visitant to the southern part of the State and north through the interior valleys to the McCloud River; breeds chiefly in Upper Sonoran.

- 246 (430) *Calypte costæ* (Bourcier) Gould.

COSTA HUMMINGBIRD.

SYN.—*Trochilus costæ*; *Atthis costæ*; *Selasphorus costæ*.

STATUS—Common summer visitant to the Lower Sonoran Zone in the southern part of the State both east and west of the Sierras; recorded north through Owens Valley, and rarely to San Francisco and Oakland.

- 247 (431) *Calypte anna* (Lesson) Gould.

ANNA HUMMINGBIRD.

SYN.—*Trochilus anna*; *Ornismya anna*; *Atthis anna*; *Selasphorus anna*; *Mellisuga anna*; *Trochilus icterocephalus*; *Calliphlox anna*.

STATUS—Abundant resident of Upper Sonoran west of the Sierras; in late summer found up through Boreal; recorded north to Mount Shasta and Yreka.

- 248 (431.1) *Selasphorus floresii* Gould.

FLORESI HUMMINGBIRD.

SYN.—*Trochilus floresii*; *Selasphorus rubromitratus*.

STATUS—Known only from the records by Bryant of a specimen obtained at San Francisco in 1885, and by Emerson of a male specimen secured by him at Haywards, February 20, 1901.

- 249 (432) *Selasphorus platycercus* (Swainson) Bonaparte.

BROAD-TAILED HUMMINGBIRD.

STATUS—Rather rare summer visitant to the Sierra Nevada (Lake Tahoe to Sequoia National Park); specimen recorded by R. C. McGregor taken at Oakland, May 8, 1890.

- 250 (433) *Selasphorus rufus* (Gmelin) Swainson.

RUFous HUMMINGBIRD.

SYN.—*Trochilus rufus*, part; *Selasphorus ruber*; *Calliphlox rufa*; *Selasphorus henshawi*.

STATUS—Abundant spring and fall migrant almost throughout the State; fairly common through the summer and breeds in the Boreal Zone of the central and northern Sierras.

- 251 (434) *Selasphorus alleni* Henshaw.

ALLEN HUMMINGBIRD.

SYN.—*Trochilus rufus*, part; *Selasphorus rufus*, part; *Trochilus alleni*.

STATUS—Common summer visitant to the humid coast belt from Monterey northward, including the San Francisco Bay Region; migrant through southern California; permanent resident on Santa Catalina and San Clemente Islands.

- 252 (436) *Stellula calliope* Gould.

CALLIOPE HUMMINGBIRD.

SYN.—*Trochilus calliope*; *Selasphorus calliope*; *Callothorax calliope*.

STATUS—Fairly common summer visitant along the whole length of the Sierras, breeding in Transition; occurs irregularly west to the coast during migration.

- 253 (444) *Tyrannus tyrannus tyrannus* (Linnæus) Jordan.

COMMON KINGBIRD.

STATUS—Rare summer visitant along the eastern border of the State east of the Sierras; a specimen recorded as taken by W. B. Judson at Santa Monica, August 31, 1895.

- 254 (447) *Tyrannus verticalis* Say.

ARKANSAS KINGBIRD.

STATUS—Abundant summer visitant below Transition nearly throughout the State.

- 255 (448) *Tyrannus vociferans* Swainson.

CASSIN KINGBIRD.

STATUS—Fairly common resident locally in the San Diegan district, where it breeds; winters regularly north to Santa Barbara, and recorded as breeding north to Paicines, San Benito Valley.

- 256 (454) *Myiarchus cinerascens cinerascens* (Lawrence) Slater & Salvin.

ASH-THROATED FLYCATCHER.

SYN.—*Myiarchus crinitus* var. *cinerascens*; *Myiobius crinitus*; *Tyrannus crinitus*; *Myiarchus mexicanus*; *Tyrannula cinerascens*.

STATUS—Common summer visitant below Transition nearly throughout the State.

- 257 (456) *Sayornis phœbe* (Latham) Stejneger.

PHŒBE.

STATUS—Known only from the record by H. S. Swarth of a male specimen taken by him near San Fernando, Los Angeles County, February 14, 1901.

- 258 (457) *Sayornis saya* (Bonaparte) Baird.

SAY PHŒBE.

SYN.—*Sayornis pallida*; *Myiobius saya*; *Tyrannula saya*.

STATUS—Common winter visitant below Transition; fairly common through the summer and breeds east of the Sierras; also locally in small numbers west of the Sierras (Paicines, San Bernardino, Elsinore, San Diego).

- 259 (458) *Sayornis nigricans semiatra* (Vigors) Nelson.

BLACK PHŒBE.

SYN.—*Muscicapa semiatra*; *Tyrannula nigricans*; *Sayornis nigricans*; *Tyrannus nigricans*; *Myiobius nigricans*.

STATUS—Common resident below Transition west of the Sierras; occasional in summer east of the Sierras.

- 260 (459) *Contopus borealis* (Swainson) Baird.

OLIVE-SIDED FLYCATCHER.

SYN.—*Tyrannus borealis*; *Tyrannus cooperi*; *Nuttallornis borealis*.

STATUS—Common summer visitant through Transition and lower Boreal; elsewhere during migration.

- 261 (462) *Contopus richardsoni richardsoni* (Swainson) Baird.

WESTERN WOOD PEWEE.

SYN.—*Horizopus richardsoni*; *Tyrannula virens*; *Contopus virens* var. *richardsoni*; *Contopus richardsoni saturatus*.

STATUS—Common summer visitant through Upper Sonoran and Transition; elsewhere during migration.

- 262 (464) *Empidonax difficilis* Baird.

WESTERN FLYCATCHER.

SYN.—*Empidonax flaviventris*; *Empidonax insulicola*; *Empidonax flaviventris difficilis*.

STATUS—Abundant summer visitant through Upper Sonoran and Transition west of the Sierras; occurs commonly elsewhere as a migrant.

- 263 (464.1) *Empidonax cineritius* Brewster.

SAINT LUCAS FLYCATCHER.

STATUS—Known only from the record by A. W. Anthony of specimens taken in June, 1895, on Cuyamaca Peak, San Diego County.

- 264 (466) *Empidonax trailli trailli* (Audubon) Baird.

TRAILL FLYCATCHER.

SYN.—*Empidonax pusillus*; *Myiobius pusilla*; *Tyrannula trailli*; *Empidonax trailli* var. *pusillus*.

STATUS—Common summer visitant through Upper Sonoran, nesting north through the interior valleys to Sacramento and Honey Lake; elsewhere during migration.

- 265 (468) *Empidonax hammondi* (Xantus) Baird.

HAMMOND FLYCATCHER.

SYN.—*Tyrannula hammondi*.

STATUS—Common summer visitant through Transition and lower Boreal along the whole length of the Sierras; recorded as breeding from Mount Shasta south to San Jacinto Peak; elsewhere during migration.

- 266 (469) *Empidonax wrighti* Baird.

WRIGHT FLYCATCHER.

SYN.—*Empidonax obscurus*, part.

STATUS—Fairly common summer visitant along the Sierras south to Mount Whitney; sparingly elsewhere during migration.

- 267 (469.1) *Empidonax griseus* Brewster.

GRAY FLYCATCHER.

SYN.—*Empidonax obscurus*, part.

STATUS—Fairly common in summer in the Boreal Zone on the Sierra San Gabriel, Los Angeles County; winters in the San Diegan District to the southward, west to Ventura.

- 268 (471) *Pyrocephalus rubineus mexicanus* (Sclater) Coues.

VERMILLION FLYCATCHER.

SYN.—*Pyrocephalus rubineus*; *Pyrocephalus mexicanus*.

STATUS—Fairly common winter visitant to the southeastern part of the State, west through the San Diegan district as far as Ventura.

- 269 (474c) *Otocoris alpestris arenicola* Henshaw.

DESERT HORNED LARK.

SYN.—*Otocoris alpestris*, part.

STATUS—Common resident locally in the deserts of southeastern California east of the Sierran divide; recorded north to Mono Lake and west to Gorman Station.

- 270 (474 e) *Otocoris alpestris chrysolæma* (Wagler) Stejneger.

MEXICAN HORNED LARK.

SYN.—*Otocoris alpestris*, part; *Eremophila alpestris chrysolæma*, part; *Eremophila cornuta*; *Otocoris alpestris rubea*, part; *Alauda alpestris*; *Phileremos cornutus*, part; *Otocorys chrysolæma*; *Otocoris rufa*.

STATUS—Common resident west of the Sierran divide in suitable places from San Diego north to Marin County and Stockton.

- 271 (474 f) *Otocoris alpestris rubea* Henshaw.

RUDDY HORNED LARK.

SYN.—*Eremophila alpestris chrysolæma*, part; *Otocoris rubea*; *Otocoris alpestris*, part; *Alauda rufa*.

STATUS—Common resident in the upper Sacramento Valley from Red Bluff south in winter to Stockton; casually to San Geronimo, Marin County.

- 272 (474 g, part) *Otocoris alpestris strigata* Henshaw.

STREAKED HORNED LARK.

SYN.—*Otocorys strigata*.

STATUS—Common winter visitant irregularly south through the Sacramento Valley to Stockton; casually to San Jose and Santa Barbara.

- 273 (474 i) *Otocoris alpestris merrilli* Dwight.

DUSKY HORNED LARK.

SYN.—*Otocoris alpestris rubea*, part; *Otocoris alpestris leucolæma*.

STATUS—Common in summer in the northeastern corner of the State east of the Sierras; recorded south in winter irregularly to Lake Valley and Stockton.

- 274 (474 g, part) *Otocoris insularis* (Townsend) Grinnell.

ISLAND HORNED LARK.

SYN.—*Otocoris alpestris insularis*; *Phileremos cornutus*, part; *Otocoris alpestris strigata*, part; *Otocoris alpestris rubea*, part.

STATUS—Common resident on the Santa Barbara Islands.

- 275 (475) *Pica hudsonica* (Sabine) Bonaparte.

AMERICAN MAGPIE.

SYN.—*Pica pica*; *Pica melanoleuca* var. *hudsonica*; *Pica pica hudsonica*.

STATUS—Common resident along the eastern border of the State east of the Sierras; recorded north to Alturas and Shasta Valley and south to Mono Lake.

- 276 (476) *Pica nuttalli* Audubon.

YELLOW-BILLED MAGPIE.

SYN.—*Pica melanoleuca nuttalli*; *Pica caudata* var. *nuttalli*; *Cleptes nuttalli*.

STATUS—Common resident locally in Sonoran west of the Sierra Nevada, north to Red Bluff and south to Santa Paula.

- 277 (478, part) *Cyanocitta stelleri carbonacea* Grinnell.

COAST JAY.

SYN.—*Cyanocitta stelleri*, part; *Cyanocitta stelleri frontalis*, part; *Cyanura stelleri*, part.

STATUS—Common resident of Transition south through the humid coast belt to the Santa Lucia Mountains in Southern Monterey County; in winter wanders a short distance into the interior valleys to the eastward.

- 278 (478 a) *Cyanocitta stelleri frontalis* (Ridgway) Boucard.

BLUE-FRONTED JAY.

SYN.—*Cyanocitta stelleri* part; *Cyanura stelleri*, part; *Cyanura stelleri frontalis*.

STATUS—Common resident of Transition along the whole length of the Sierras from Mount Shasta south through the Cuyamaca Mountains; occurs down into the valleys to the westward in winter.

- 279 (480) *Aphelocoma woodhousei* (Baird) Ridgway.

WOODHOUSE JAY.

STATUS—Common resident along the desert ranges east of the Sierra Nevada; recorded south to the Coso Mountains and north to Chat, Lassen County.

- 280 (481) *Aphelocoma californica californica* (Vigors) Cabanis.

CALIFORNIA JAY.

SYN.—*Cyanocitta californica*; *Cyanocorax californicus*; *Garrulus californicus*; *Cyanocitta floridana californica*; *Aphelocoma californica obscura*; *Garrulus ultramarinus*; *Aphelocoma floridana* var. *californica*.

STATUS—Abundant resident of Upper Sonoran west of the Sierras; ranges locally up into Transition.

- 281 (481.1) *Aphelocoma insularis* Henshaw.

SANTA CRUZ ISLAND JAY.

STATUS—Common resident on Santa Cruz Island.

- 282 (485) *Perisoreus obscurus obscurus* (Ridgway) Sharpe.

OREGON JAY.

STATUS—Fairly common resident in the humid coast Boreal in the extreme northwestern corner of the State; south to the vicinity of Mendocino, Mendocino County.

- 283 (485 a) *Perisoreus obscurus griseus* Ridgway.

GRAY JAY.

SYN.—*Perisoreus canadensis*; *Perisoreus obscurus*, part; *Perisoreus canadensis* var. *obscurus*.

STATUS—Fairly common resident of the Boreal Zone in the Northern Sierras; recorded from Mount Shasta south to Summit, Placer County.

- 284 (486) *Corvus corax sinuatus* (Wagler) Ridgway.

AMERICAN RAVEN.

SYN.—*Corvus corax*; *Corvus carnivorus*; *Corvus corax carnivorus*; *Corvus cataloti*; *Corvus calaloti*.

STATUS—Common resident in southern California; especially numerous on the Santa Barbara Islands; rather rare north of the Tehachapi Mountains, though recorded north to Red Bluff and Humboldt Bay.

- 285 (487) *Corvus cryptoleucus* Couch.

WHITE-NECKED RAVEN.

STATUS—Resident in southern California; recorded west to Fort Tejon and San Fernando Valley.

- 286 (488) *Corvus americanus hesperis* Ridgway.

CALIFORNIA CROW.

SYN.—*Corvus americanus*; *Corvus frugivorus*; *Corvus caurinus*; *Corvus ossifragus*; *Corvus americanus* var. *caurinus*; *Corone americana*.

STATUS—Common resident locally in the interior valleys as well as coastwise.

- 287 (491) *Nucifraga columbiana* (Wilson) Audubon.

CLARK NUTCRACKER.

SYN.—*Picicorvus columbianus*.

STATUS—Common resident in the pineries of the Sierras, chiefly in the Boreal Zone; recorded from Mount Shasta to the San Bernardino Mountains, and casually in winter west to Point Reyes.

- 288 (492) *Cyanocephalus cyanocephalus* (Wied) Stejneger.

PINYON JAY.

SYN.—*Gymnokitta cyanocephala*.

STATUS—Common resident of the desert ranges southeast of the Sierra Nevada as well as locally along the whole length of the Sierras from Mount Shasta south to the San Bernardino Mountains; in winter occurs irregularly westward toward the coast (Pasadena, Pacific Grove).

- 289 (494) *Doiichonyx oryzivorus* (Linnæus) Swainson.

BOBOLINK.

STATUS—Rare fall visitant; recorded from Monterey, Redwood City, and Mono Lake.

- 290 (495) *Molothrus ater ater* (Boddært) Gray.

COWBIRD.

SYN.—*Molothrus pecoris*; *Icterus pecoris*; *Molothrus ater obscurus*.

STATUS—Common winter visitant to the southeastern corner of the State; west to the Cuyamaca Mountains and north to Independence, Inyo County.

- 291 (497) *Xanthocephalus xanthocephalus* (Bonaparte) Jordan.

YELLOW-HEADED BLACKBIRD.

SYN.—*Xanthocephalus icterocephalus*; *Agelaius xanthocephalus*; *Xanthocephalus longipes*

STATUS—Common resident locally in the interior valleys east of the humid coast belt.

- 292 (498, part) *Agelaius phœniceus neutralis* Ridgway.

SAN DIEGO RED-WINGED BLACKBIRD.

SYN.—*Agelaius phœniceus*, part.

STATUS—Common resident locally in the interior and southern parts of the State; breeds abundantly in the San Diegoan district.

- 293 (498, part) *Agelaius phœniceus caurinus* Ridgway.

NORTHWESTERN RED-WINGED BLACKBIRD.

STATUS—Recorded by R. Ridgway from Mendocino County in May.

- 294 (498a) *Agelaius phœniceus sonoriensis* Ridgway.

SONORAN RED-WINGED BLACKBIRD.

SYN.—*Agelaius phœniceus*, part; *Agelaius phœniceus longirostris*.

STATUS—Common resident along the lower Colorado River in the southeastern corner of the State.

- 295 (499) *Agelaius gubernator californicus* Nelson.

BICOLORED BLACKBIRD.

SYN.—*Agelaius phœniceus gubernator*; *Agelaius gubernator*.

STATUS—Abundant resident locally in the interior valleys west of the Sierras, north to Cahto and Marysville; recorded casually south and east to San Diego and Owens Lake.

- 296 (500) *Agelaius tricolor* (Audubon) Bonaparte.

TRICOLORED BLACKBIRD.

SYN.—*Icterus tricolor*; *Agelaius phoeniceus* var. *tricolor*.

STATUS—Common resident locally in the interior valleys west of the Sierras, north to Shasta, east to Lake Tahoe, and south to San Diego.

- 297 (501 b) *Sturnella magna neglecta* (Audubon) Allen.

WESTERN MEADOWLARK.

SYN.—*Sturnella neglecta*; *Sturnella hippocrepus*.

STATUS—Abundant resident in suitable localities almost throughout the State.

- 298 (504) *Icterus parisorum* Bonaparte.

SCOTT ORIOLE.

STATUS—Fairly common summer visitant through the desert regions southeast of the Sierras; recorded as breeding east to San Diego and Walker Pass, and north to the Panamint Mountains; casually during migration to San Bernardino and Los Angeles.

- 299 (505 a) *Icterus cucullatus nelsoni* Ridgway.

ARIZONA HOODED ORIOLE.

SYN.—*Icterus cucullatus*.

STATUS—Common summer visitant through the San Diegan district, northwest to Santa Barbara and east to Banning; one record beyond this district: Auburn, Placer County.

- 300 (508) *Icterus bullocki* (Swainson) Bonaparte.

BULLOCK ORIOLE.

SYN.—*Xanthornis bullocki*; *Yphantis bullocki*.

STATUS—Common summer visitant in suitable localities below Boreal; breeds chiefly in Upper Sonoran.

- 301 (510) *Scolecophagus cyanocephalus* (Wagler) Cabanis.

BREWER BLACKBIRD.

SYN.—*Quiscalus mexicanus*; *Scolecophagus mexicanus*; *Scolecophagus ferrugineus*; *Quiscalus purpureus*.

STATUS—Abundant resident below Boreal nearly throughout the State.

- 302 (514 a) *Coccothraustes vespertinus montanus* (Ridgway) Mearns.

WESTERN EVENING GROSBEAK.

SYN.—*Coccothraustes vespertinus*; *Hesperiphona vespertina*; *Hesperiphona vespertina montana*.

STATUS—Fairly common summer breeding bird in parts of the Boreal Zone on the Sierras from Mount Shasta south at least to the Yosemite Valley; recorded elsewhere in mid-winter irregularly to the coast and south as far as Pasadena.

303 (515 b) *Pinicola californica* (Price) Grinnell.

## CALIFORNIA PINE GROSBILL.

SYN.—*Pinicola canadensis*; *Pinicola enucleator*; *Pinicola enucleator californica*; *Pinicola enucleator* var. *canadensis*.

STATUS—Fairly common resident of the Boreal Zone on the central Sierra Nevada, north to Placer County and south to Fresno County.

304 (517 a) *Carpodacus purpureus californicus* Baird.

## CALIFORNIA PURPLE FINCH.

SYN.—*Carpodacus purpureus*; *Erythropsiza purpurea*; *Carpodacus californicus*.

STATUS—Common resident of upper Sonoran and Transition west of the Sierras.

305 (518) *Carpodacus cassinii* Baird.

## CASSIN PURPLE FINCH.

STATUS—Common resident of the lower Boreal Zone along the Sierras, breeding from Mount Shasta south to Mount Waterman, Los Angeles County; also Inyo and White Mountains; casually in winter west to Los Angeles and San Jose.

306 (519) *Carpodacus mexicanus frontalis* (Say) Ridgway.

## HOUSE FINCH.

SYN.—*Carpodacus frontalis*, part; *Erythropsiza frontalis*; *Carpodacus familiaris*; *Carpodacus rhodocolpus*; *Carpodacus frontalis rhodocolpus*; *Carpodacus mexicanus obscurus*.

STATUS—Abundant resident in suitable localities throughout the State; breeds chiefly below Transition.

307 (519 c) *Carpodacus clementis* Mearns.

## SAN CLEMENTE HOUSE FINCH.

SYN.—*Carpodacus frontalis*, part; *Carpodacus mexicanus clementis*; *Carpodacus mexicanus frontalis*, part.

STATUS—Abundant resident on all of the Santa Barbara Islands.

308 (521 a, part) *Loxia curvirostra bendirei* Ridgway.

## SIERRA CROSSBILL.

SYN.—*Loxia curvirostra*; *Curvirostra americana*; *Loxia americana*; *Loxia curvirostra* var. *americana*; *Loxia curvirostra stricklandi*; *Loxia curvirostra minor*.

STATUS—Fairly common in summer locally on the central Sierra Nevada south to Mount Whitney; also in the coast Transition in the vicinity of Monterey; recorded in winter irregularly in the interior south as far as Pasadena.

309 (524) *Leucosticte tephrocotis tephrocotis* Swainson.

## GRAY-CROWNED LEUCOSTICTE.

STATUS—Resident in upper Boreal locally along the Sierra Nevada from Mount Shasta south to Mount Whitney; also on the White Mountains.

- 310 (528) *Acanthis linaria linaria* (Linnaeus) Bonaparte & Schlegel.

REDPOLL.

STATUS—Known only from the record by J. M. Willard of its common occurrence in winter in the vicinity of Eagle Lake, Lassen County.

- 311 (529 b) *Astragalinus tristis salicamans* (Grinnell) Ridgway.

WILLOW GOLDFINCH.

SYN.—*Chrysomitris tristis*; *Carduelis tristis*; *Spinus tristis*; *Spinus tristis salicamans*; *Astragalinus tristis*.

STATUS—Abundant resident locally in the valleys west of the Sierras; breeds chiefly in Upper Sonoran; recorded from Shasta Valley to San Diego.

- 312 (530) *Astragalinus psaltria psaltria* (Say) Coues.

ARKANSAS GOLDFINCH.

SYN.—*Chrysomitris psaltria*; *Spinus psaltria*; *Carduelis psaltria*; *Chrysomitris psaltria* var. *arizonæ*; *Astragalinus psaltria arizonæ*; *Spinus psaltria arizonæ*.

STATUS—Abundant resident nearly throughout the State; breeds chiefly below Transition.

- 313 (531) *Astragalinus lawrencei* (Cassin) Coues.

LAWRENCE GOLDFINCH.

SYN.—*Carduelis lawrencei*; *Chrysomitris lawrencei*; *Spinus lawrencei*.

STATUS—Common but irregular summer visitant west of the Sierras north to Chico; occurs irregularly through the winter in the southern part of the State.

- 314 (533) *Spinus pinus pinus* (Wilson) Stejneger.

PINE SISKIN.

SYN.—*Linaria pinus*; *Chrysomitris pinus*.

STATUS—Common in summer locally along the high Sierras south through the San Bernardino Mountains; also in the Santa Cruz district south past Monterey; in winter, irregularly distributed west of the Sierras to the coast, south into San Diego County.

- 315 (540 a) *Poæcetes gramineus confinis* Baird.

WESTERN VESPER SPARROW.

SYN.—*Emberiza graminea*; *Zonotrichia graminea*, part; *Poæcetes gramineus*.

STATUS—Common winter visitant to southern California, recorded north to Paicines and Visalia west of the Sierras; recorded as summering in the valleys east of the Sierra Nevada.

- 316 (540 b) *Poæcetes gramineus affinis* Miller.

OREGON VESPER SPARROW.

SYN.—*Zonotrichia graminea*, part; *Poæcetes gramineus confinis*, part.

STATUS—Fairly common winter visitant south, west of the Sierras, into San Diego County.

- 317 (542) *Ammodramus sandwichensis sandwichensis* (Gmelin) Ridgway.

SANDWICH SPARROW.

SYN.—*Passerculus sandwichensis*, part.

STATUS—Rare midwinter visitant to the northern part of the State; recorded by R. C. McGregor from Battle Creek and Gridley.

- 318 (542 b) *Ammodramus sandwichensis alaudinus* (Bonaparte) Ridgway.

WESTERN SAVANNA SPARROW.

SYN.—*Passerculus sandwichensis*, part; *Passerculus savanna*; *Ammodramus sandwichensis savanna*; *Emberiza savanna*; *Passerculus sandwichensis alaudinus*, part; *Passerculus alaudinus*; *Passerculus savanna* var. *alaudinus*.

STATUS—Abundant winter visitant throughout the lower parts of the State; summers in the valleys east of the Sierra Nevada; recorded as breeding at Owens Lake.

- 319 (542 c) *Ammodramus sandwichensis bryanti* (Ridgway) Ridgway.

BRYANT MARSH SPARROW.

SYN.—*Passerculus sandwichensis*, part; *Passerculus anthinus*, part; *Passerculus sandwichensis alaudinus*, part; *Passerculus savanna* var. *anthinus*, part; *Passerculus sandwichensis bryanti*.

STATUS—Abundant resident on the marshes of San Francisco and Monterey Bays; south in winter along the coast as far as San Pedro.

- 320 (543) *Ammodramus beldingi* (Ridgway) Ridgway.

BELDING MARSH SPARROW.

SYN.—*Passerculus sandwichensis*, part; *Passerculus anthinus*, part; *Passerculus savanna* var. *anthinus*, part; *Passerculus beldingi*; *Ammodramus sandwichensis beldingi*.

STATUS—Abundant resident on the southern coast marshes from Port Harford south to National City.

- 321 (544) *Ammodramus rostratus rostratus* (Cassin) Cassin.

LARGE-BILLED MARSH SPARROW.

SYN.—*Passerculus rostratus*; *Emberiza rostrata*.

STATUS—Common winter visitant along our southern seacoast from Santa Barbara to San Diego; said to pass the summer and breed within our limits, but definite records are lacking.

- 322 (546 a) *Ammodramus savannarum bimaculatus* (Swainson) Grinnell.

WESTERN GRASSHOPPER SPARROW.

SYN.—*Emberiza passerina*; *Coturniculus passerinus*; *Coturniculus passerinus perpallidus*; *Ammodramus savannarum perpallidus*; *Coturniculus savannarum bimaculatus*.

STATUS—Fairly common resident locally in the lower country west of the Sierras; north to Sacramento and south into San Diego County; more generally distributed in winter.

- 323 (549.1) *Ammodramus caudacutus nelsoni* Allen.

NELSON SPARROW.

SYN.—*Ammodramus caudacutus becki*; *Ammodramus nelsoni*.

STATUS—Known only from the two specimens taken by R. H. Beck at Milpitas, Santa Clara County, on May 6, 1891, and January 31, 1896, respectively.

- 324 (552 a) *Chondestes grammacus strigatus* (Swainson) Ridgway.

WESTERN LARK SPARROW.

SYN.—*Chondestes grammaca*; *Zonotrichia grammaca*; *Emberiza grammaca*.

STATUS—Common resident of the Upper Sonoran Zone; most numerous in the interior valleys west of the Sierras.

- 325 (553) *Zonotrichia querula* (Nuttall) Gambel.

HARRIS SPARROW.

STATUS—Known only from the record by W. O. Emerson of a male specimen taken by him at Haywards, October 27, 1900.

- 326 (554) *Zonotrichia leucophrys leucophrys* (Forster) Swainson.

WHITE-CROWNED SPARROW.

SYN.—*Zonotrichia leucophrys intermedia*, part; *Zonotrichia leucophrys* var. *gambeli*, part.

STATUS—Common summer visitant along the higher Sierra Nevada from Mount Shasta south to Mount Whitney; occurs in southern California during migration.

- 327 (554 a) *Zonotrichia leucophrys gambeli* (Nuttall) Coues.

INTERMEDIATE SPARROW.

SYN.—*Zonotrichia leucophrys intermedia*, part; *Zonotrichia gambeli intermedia*; *Zonotrichia leucophrys*, part; *Zonotrichia intermedia*; *Zonotrichia gambeli*, part; *Fringilla leucophrys*; *Fringilla gambeli*.

STATUS—Abundant winter visitant throughout the State below Transition; elsewhere during migration.

- 328 (554 b) *Zonotrichia leucophrys nuttalli* Ridgway.

NUTTALL SPARROW.

SYN.—*Zonotrichia leucophrys gambeli*, part; *Zonotrichia leucophrys*, part; *Zonotrichia gambeli*, part.

STATUS—Common resident of the narrow humid coast belt south through the Santa Cruz district at least to Point Sur; in winter occurs a few miles further inland, and casually southward as far as Los Angeles.

- 329 (557) *Zonotrichia coronata* (Pallas) Baird.

GOLDEN-CROWNED SPARROW.

SYN.—*Fringilla aurocapilla*; *Zonotrichia aurocapilla*; *Zonotrichia atricapilla*.

STATUS—Common winter visitant almost everywhere west of the Sierras, south to San Diego.

- 330 (558) *Zonotrichia albicollis* (Gmelin) Swainson.

WHITE-THROATED SPARROW.

STATUS—Rather rare winter visitant west of the Sierras; thirteen specimens recorded, from Santa Rosa and Stockton south to Los Angeles.

- 331 (559 a) *Spizella monticola ochracea* Brewster.

WESTERN TREE SPARROW.

STATUS—Known only from the record of its capture by J. Feilner at Fort Crook in the northeastern corner of the State presumably in winter.

- 332 (560 a) *Spizella socialis arizonæ* Coues.

WESTERN CHIPPING SPARROW.

SYN.—*Spizella socialis*; *Emberiza socialis*; *Spizella domestica arizonæ*.

STATUS—Common summer visitant nearly throughout the State, breeding from Upper Sonoran to Boreal; winters to a limited extent in the San Diegan district.

- 333 (562) *Spizella breweri* Cassin.

BREWER SPARROW.

SYN.—*Emberiza pallida*; *Spizella pallida*; *Spizella pallida* var. *breweri*.

STATUS—Common summer visitant to the more arid foothill regions of the interior chiefly along the southern Sierras; more generally distributed during migration; recorded west of the Sierras to Santa Barbara and Sacramento; winters irregularly in the San Diegan district (Los Angeles County).

- 334 (565) *Spizella atrogularis* (Cabanis) Baird.

BLACK-CHINNED SPARROW.

STATUS—Common summer visitant to the arid foothill regions of the southern Sierras and desert ranges, north to Owens Valley, Walker Basin, and Cahuenga Valley, Los Angeles County; recorded casually to Alameda and Monterey Counties.

- 335 (567) *Junco hyemalis hyemalis* (Linnæus) Sclater

SLATE-COLORED JUNCO.

STATUS—Rather rare but seemingly regular winter visitant; the fifteen or more points of capture are pretty evenly distributed through the State south to San Diego.

- 336 (567 a) *Junco hyemalis oregonus* (Townsend) Ridgway.

OREGON JUNCO.

SYN.—*Junco oregonus*, part; *Junco oregonus oregonus*.

STATUS—Common winter visitant to the northern part of the State west of the Sierra Nevada, south along the coast belt regularly to the San Francisco Bay region; recorded south casually as far as Pasadena in midwinter.

- 337 (567 b) *Junco hyemalis shufeldti* Coale.

SHUFELDT JUNCO.

SYN.—*Junco oregonus shufeldti*.

STATUS—According to R. Ridgway, an occasional winter visitant to northern and eastern California (Humboldt Bay, Shasta County, etc.).

- 338 (567 c) *Junco hyemalis thurberi* Anthony.

SIERRA JUNCO.

SYN.—*Junco oregonus*, part; *Junco hyemalis oregonus*, part; *Junco oregonus thurberi*; *Struthus oregonus*, part; *Fringilla hudsonia*.

STATUS—Common summer breeding species in the Transition and Boreal Zones along the whole length of the Sierras; scatters in winter nearly throughout the State.

- 339 (567 d) *Junco hyemalis pinosus* (Loomis) A. O. U. Committee.

POINT PINOS JUNCO.

SYN.—*Struthus oregonus*, part; *Fringilla hyemalis*; *Junco pinosus*; *Junco oregonus*, part; *Junco hyemalis oregonus*, part; *Junco oreganus pinosus*.

STATUS—Common resident of the Santa Cruz district, breeding from King Mountain, San Mateo County, south at least to Point Sur, Monterey County; wanders eastward in winter into the Santa Clara and San Benito Valleys.

- 340 (569) *Junco caniceps* (Woodhouse) Baird.

GRAY-HEADED JUNCO.

STATUS—Known only from the record of a female specimen taken by W. B. Judson near Pasadena, October 26, 1894.

- 341 (573 a) *Amphispiza bilineata deserticola* Ridgway.

DESERT BLACK-THROATED SPARROW.

SYN.—*Amphispiza bilineata*; *Poospiza bilineata*.

STATUS—Common summer visitant to the desert regions of southeastern California (Lower Sonoran); recorded north through Owens Valley to Alvord and west casually to Pasadena.

- 342 (574) *Amphispiza belli belli* (Cassin) Coues.

BELL SPARROW.

SYN.—*Emberiza belli*; *Amphispiza belli clementae*; *Poospiza belli*, part.

STATUS—Common resident locally west of the Sierras (in Upper Sonoran); recorded north to Nicasio (Marin County), Sonoma and Consumnes River.

- 343 (574 a) *Amphispiza belli nevadensis* (Ridgway) Coues.

SAGE SPARROW.

SYN.—*Poospiza belli* var. *nevadensis*; *Poospiza belli*, part; *Amphispiza nevadensis*.

STATUS—Common resident in the desert regions of southeastern California, breeding in the arid Upper Sonoran and Transition east of the Sierras; recorded north to Mono Lake, and in winter west into the San Diegan district (Riverside, San Bernardino, and vicinity of Los Angeles).

- 344 (580) *Aimophila ruficeps ruficeps* (Cassin) Ridgway.

RUFIOUS-CROWNED SPARROW.

SYN.—*Ammodramus ruficeps*; *Peucea ruficeps*.

STATUS—Fairly common resident locally west of the Sierras from San Diego County north to Nicasio, Marin County, and Colfax, Placer County; breeds only in Upper Sonoran.

- 345 (581 a) *Melospiza cinerea fallax* (Baird) Ridgway.

DESERT SONG SPARROW.

SYN.—*Melospiza fallax*, part; *Melospiza melodia fallax*.

STATUS—Common resident in the extreme southeastern corner of the State along the valley of the lower Colorado River.

- 346 (581 b) *Melospiza cinerea montana* (Henshaw) Ridgway.

MOUNTAIN SONG SPARROW.

SYN.—*Melospiza melodia montana*, part; *Melospiza fallax*, part; *Melospiza fasciata* var. *fallax*; *Melospiza fasciata montana*; *Melospiza melodia* var. *heermanni*, part; *Melospiza fasciata*.

STATUS—Common in summer along the eastern border of the State on the eastern slope of the Sierra Nevada from Mount Shasta to Mono Lake; descends in winter to the valleys to the west and south (Haywards, Palo Alto, Fort Tejon, Death Valley, etc.).

- 347 (581 k) *Melospiza cinerea merrilli* (Brewster) Ridgway.

MERRILL SONG SPARROW.

SYN.—*Melospiza fasciata ingersolli*; *Melospiza melodia montana*, part.

STATUS—Winter visitant into northern California east of the humid coast belt; recorded south to Saint Helena, Battle Creek, and Enterprise; stated by R. Ridgway to breed in Shasta County.

- 348 (581 e, part) *Melospiza cinerea morphna* (Oberholser) Ridgway.

RUSTY SONG SPARROW.

SYN.—*Melospiza melodia morphna*; *Melospiza fasciata guttata*, part; *Melospiza rufina*; *Melospiza fasciata rufina*.

STATUS—Winter visitant southwest of the Sierras as far as Fort Tejon; recorded from the Sierran foothills to the coast.

- 349 (581 e, part) *Melospiza cinerea phæa* Fisher.

OREGON SONG SPARROW.

SYN.—*Melospiza fasciata guttata*, part.

STATUS—Common winter visitant south into the northern humid coast belt (Crescent City); casually to the San Francisco Bay region.

- 350 (581 d, part) *Melospiza cinerea cleonensis* (McGregor) Ridgway.

MENDOCINO SONG SPARROW.

SYN.—*Melospiza fasciata samuelis*, part; *Melospiza melodia cleonensis*.

STATUS—Common resident in the northern humid coast belt (Del Norte, Humboldt and Mendocino Counties).

- 351 (581 d, part) *Melospiza cinerea gouldi* (Baird) Grinnell.

MARIN SONG SPARROW.

SYN.—*Melospiza fasciata samuelis*, part; *Melospiza gouldi*; *Melospiza cinerea samuelis*, part.

STATUS—Common resident along the freshwater streams of Marin and Sonoma Counties.

- 352 (581 d, part) *Melospiza cinerea samuelis* (Baird) Ridgway.

SAMUELS SONG SPARROW.

SYN.—*Ammodramus samuelis*; *Melospiza fasciata samuelis*, part; *Melospiza melodia samuelis*, part.

STATUS—Abundant resident on the salt marshes along the north side of San Francisco Bay from Larkspur, Marin County, to Vallejo, Solano County; also on the south side of San Pablo Bay, at Selby and Pinole, Contra Costa County.

- 353 (581 c, part) *Melospiza cinerea heermanni* (Baird) Ridgway.

HEERMANN SONG SPARROW.

SYN.—*Melospiza heermanni*, part; *Melospiza melodia heermanni*, part; *Melospiza fasciata heermanni*, part; *Zonotrichia guttata*.

STATUS—Abundant resident along the streams of the San Joaquin-Sacramento Basin from Battle Creek, Shasta County, south to Fort Tejon; west through the Suisun marshes to Benicia and Port Costa.

- 354 (581 d, part) *Melospiza cinerea santæcrucis* (Grinnell) Grinnell.

SANTA CRUZ SONG SPARROW.

SYN.—*Melospiza melodia santæcrucis*; *Melospiza cinerea samuelis*, part; *Melospiza melodia samuelis*, part; *Melospiza fasciata samuelis*, part; *Melospiza fasciata heermanni*, part; *Melospiza melodia heermanni*, part.

STATUS—Common resident along fresh water streams of the Santa Cruz district from San Francisco south to Sur River, Monterey County; also east through the Santa Clara Valley to the streams flowing west from the Mount Hamilton Range, and north to Berkeley.

- 355 (581 c, part) *Melospiza cinerea cooperi* (Ridgway) Ridgway.

SAN DIEGO SONG SPARROW.

SYN.—*Melospiza melodia cooperi*; *Melospiza heermanni*, part; *Melospiza fasciata samuelis*, part; *Melospiza fasciata heermanni*, part; *Melospiza melodia heermanni*, part; *Melospiza fasciata graminea*, part; *Melospiza fasciata cooperi*.

STATUS—Common resident in the San Diegan district, northwest at least to Santa Barbara.

- 356 (581 d, part) *Melospiza pusillula* (Ridgway) Grinnell.

SALT MARSH SONG SPARROW.

SYN.—*Melospiza fasciata pusillula*; *Melospiza melodia pusillula*; *Melospiza cinerea pusillula*; *Melospiza samuelis*; *Melospiza melodia gouldi*; *Melospiza fasciata samuelis*, part.

STATUS—Abundant resident on the salt marshes of the south arm of San Francisco Bay, from West Berkeley around to South San Francisco.

- 357 (581 h) *Melospiza graminea* (Townsend) Grinnell.

SANTA BARBARA SONG SPARROW.

SYN.—*Melospiza heermanni*, part; *Melospiza cinerea graminea*; *Melospiza fasciata graminea*, part.

STATUS—Common resident on Santa Barbara and Santa Cruz Islands.

- 358 (581 i) *Melospiza clementæ* (Townsend) Grinnell.

SAN CLEMENTE SONG SPARROW.

SYN.—*Melospiza fasciata clementæ*; *Melospiza melodia clementæ*; *Melospiza cinerea clementæ*; *Melospiza heermanni*, part.

STATUS—Common resident on San Clemente, San Miguel and Santa Rosa Islands.

- 359 (583) *Melospiza lincolni lincolni* (Audubon) Baird.

LINCOLN SPARROW.

SYN.—*Peucaea lincolni*.

STATUS—Common winter visitant to the lowlands of the southern and interior parts of the State; remains through the summer and breeds sparingly along the high Sierras from Mount Shasta, south to near Mount Whitney; occurs elsewhere as a migrant.

- 360 (583 a) *Melospiza lincolni striata* Brewster.

FORBUSH SPARROW.

SYN.—*Melospiza lincolni*, part.

STATUS—Fairly common winter visitant south through the coast belt to the San Francisco Bay region; also to the northward in the interior (Battle Creek and Saint Helena).

- 361 (585) *Passerella iliaca iliaca* (Merrem) Swainson.

FOX-COLORED SPARROW.

STATUS—Rare midwinter visitant west of the Sierras; definitely recorded from Oakland, Poway and Saticoy.

- 362 (585 a, part) *Passerella iliaca unalaschcensis* (Gmelin) Ridgway.

SHUMAGIN FOX SPARROW.

STATUS—Rare winter visitant into the San Diegan district (Pasadena, December 12).

- 363 (585 a, part) *Passerella iliaca insularis* Ridgway.

KADIAK FOX SPARROW.

SYN.—*Passerella iliaca townsendi*; *Passerella unalaschcensis*; *Passerella iliaca unalaschcensis*, part; *Passerella townsendi*; *Zonotrichia townsendi*.

STATUS—Common winter visitant west of the Sierras (excepting the Santa Cruz district), south to San Diego and Santa Catalina Island.

- 364 (585 a, part) *Passerella iliaca meruloides* (Vigors) Grinnell.

YAKUTAT FOX SPARROW.

SYN.—*Passerella iliaca annectens*; *Passerella iliaca unalaschcensis*, part; *Fringilla meruloides*.

STATUS—Common winter visitant south along the humid coast belt through the Santa Cruz district.

- 365 (585 a, part) *Passerella iliaca townsendi* (Audubon) Coues.

TOWNSEND FOX SPARROW.

STATUS—Winter visitant into the northern humid coast belt; recorded by R. Ridgway from Humboldt Bay and Bodega.

- 366 (585 a, part) *Passerella iliaca fuliginosa* Ridgway.

SOOTY FOX SPARROW.

SYN.—*Passerella iliaca unalaschcensis*, part.

STATUS—According to R. Ridgway, south in winter along the humid coast belt to San Francisco.

- 367 (585 c) *Passerella iliaca schistacea* (Baird) Allen.

SLATE-COLORED SPARROW.

SYN.—*Passerella schistacea*, part; *Passerella townsendi* var. *schistacea*.

STATUS—Fairly common in summer in the mountains along the eastern border of the State east of the Sierra Nevada, south to White Mountains; sparingly in winter in the valleys west of the Sierras (Murphys south to Poway).

- 368 (585 b) *Passerella iliaca megarhyncha* (Baird) Ridgway.

THICK-BILLED FOX SPARROW.

SYN.—*Passerella schistacea*, part; *Passerella megarhyncha*, part; *Passerella schistacea* var. *megarhyncha*, part.

STATUS—Common in summer along the Sierra Nevada (Boreal), breeding from Mount Shasta south to Mount Whitney; winters commonly in the San Diegoan district north to Fort Tejon, casually to Marin County.

- 369 (585 d) *Passerella iliaca stephensi* Anthony.

STEPHENS FOX SPARROW.

SYN.—*Passerella megarhyncha*, part; *Passerella schistacea* var. *megarhyncha*, part; *Passerella iliaca megarhyncha*, part.

STATUS—Common in summer on the southern Sierras (Boreal), from the Tejon Mountains south to the San Jacinto Mountains; recorded in winter only from Santa Catalina Island.

- 370 (588 a+d) *Pipilo maculatus megalonyx* (Baird) Coues.

SPURRED TOWHEE.

SYN.—*Fringilla arctica*; *Pipilo arcticus*; *Pipilo megalonyx*, part; *Pipilo erythrophthalmus oregonus*; *Pipilo maculatus oregonus*, part; *Pipilo maculatus atratus*.

STATUS—Common resident of Upper Sonoran and Transition east and south of the humid coast belt nearly throughout the State (except Santa Barbara Islands).

- 371 (588 b, part) *Pipilo maculatus falcifer* McGregor.

SAN FRANCISCO TOWHEE.

SYN.—*Pipilo maculatus oregonus*, part; *Pipilo maculatus megalonyx*, part; *Pipilo oregonus*; *Pipilo megalonyx*, part.

STATUS—Common resident in the humid coast belt from Mendocino County south to southern Monterey County, including the San Francisco Bay region.

- 372 (588 b, part) *Pipilo maculatus oregonus* (Bell) Coues.

OREGON TOWHEE.

STATUS—Common resident in the northern coast belt (vicinity of Humboldt Bay and northward).

- 373 (588 c) *Pipilo clementæ* Grinnell.

SAN CLEMENTE TOWHEE.

SYN.—*Pipilo maculatus clementæ*; *Pipilo maculatus megalonyx*, part; *Pipilo maculatus oregonus*, part; *Pipilo megalonyx*, part.

STATUS—Common resident on San Clemente, Santa Cruz, Santa Rosa and Santa Catalina Islands.

- 374 (591 b+d) *Pipilo crissalis crissalis* (Vigors) Gray.

CALIFORNIA TOWHEE.

SYN.—*Fringilla crissalis*; *Pipilo fuscus*, part; *Pipilo crissalis*, part; *Pipilo fuscus crissalis*, part; *Pipilo fuscus carolæ*; *Pipilo crissalis carolæ*.

STATUS—Abundant resident of the Upper Sonoran Zone west of the Sierra Nevada south to about latitude 35°; north to Shasta Valley.

- 375 (591 c) *Pipilo crissalis senicula* (Anthony) Ridgway.

ANTHONY TOWHEE.

SYN.—*Pipilo fuscus senicula*; *Pipilo fuscus crissalis*, part; *Pipilo fuscus*, part; *Pipilo crissalis*, part.

STATUS—Abundant resident below Transition in the San Diegan district, north to southern end of Salinas Valley (Paso Robles).

- 376 (592) *Pipilo aberti* Baird.

ABERT TOWHEE.

STATUS—Fairly common resident locally in the desert within the southeastern corner of the State, from Fort Yuma west to Salton and Indio.

- 377 (592.1) *Greenspiza chlorura* (Audubon) Ridgway.

GREEN-TAILED TOWHEE.

SYN.—*Embernagra chlorura*; *Embernagra blandingiana*; *Pipilo chlorurus*; *Atlapetes chlorurus*.

STATUS—Common summer visitant along the higher Sierras and desert ranges from Mount Shasta south to the San Bernardino Mountains; winters sparingly in the southern part of the San Diegan District; casual during migration west of the Sierras to San Jose.

- 378 (594) *Pyrrhuloxia sinuata sinuata* Bonaparte.

ARIZONA PYRRHULOXIA.

STATUS—Recorded only from Fort Yuma on the California side of the lower Colorado River.

- 379 (595) *Zamelodia ludoviciana* (Linnæus) Coues.

ROSE-BREADED GROSBREAK.

STATUS—Several specimens secured by C. H. Gilbert and party at Meyers, Humboldt County, July 1, 1897; portions of these specimens are still preserved and re-examination confirms the original record as made by R. B. McLain; also an immature male specimen is at hand secured by M. F. Gilman at Palm Springs, Riverside County, September 10, 1897.

- 380 (596) *Zamelodia melanocephala* (Swainson) Coues.

BLACK-HEADED GROSBREAK.

SYN.—*Guiraca melanocephala*; *Zamelodia melanocephala capitalis*; *Zamelodia melanocephala microrhyncha*; *Habia melanocephala*; *Hedymeles melanocephalus*; *Hedymeles melanocephalus* var. *capitalis*; *Goniaphea melanocephala*.

STATUS—Common summer visitant nearly throughout the State below Boreal; breeds most abundantly in Upper Sonoran.

- 381 (597 a) *Guiraca caerulea lazula* (Lesson) Ridgway.

WESTERN BLUE GROSBEEK.

SYN.—*Guiraca caerulea*; *Guiraca caerulea eurhyncha*; *Coccyborus caeruleus*.

STATUS—Common summer visitant locally through the Lower Sonoran Zone, breeding north into Owens Valley and through the San Joaquin-Sacramento Basin to Marysville; casually to Pitt River and Santa Cruz in spring.

- 382 (599) *Cyanospiza amœna* (Say) Baird.

LAZULI BUNTING.

SYN.—*Spiza amœna*; *Passerina amœna*.

STATUS—Common summer visitant in suitable localities nearly throughout the State below Boreal.

- 383 (605) *Calamospiza melanocorys* Stejneger.

LARK BUNTING.

SYN.—*Calamospiza bicolor*.

STATUS—Of irregular occurrence in southern California; recorded as breeding in the vicinity of San Diego and during migration northwest to Newhall, Los Angeles County.

- 384 (607) *Piranga ludoviciana* (Wilson) Richardson.

WESTERN Tanager.

STATUS—Common summer visitant along the entire length of the Sierras, breeding chiefly in Transition; common during migration nearly throughout the State.

- 385 (611 a) *Progne subis hesperia* Brewster.

WESTERN MARTIN.

SYN.—*Progne subis*; *Progne purpurea*; *Progne chalybea*.

STATUS—Fairly common migrant and summer visitant locally, nesting chiefly in the Transition Zone.

- 386 (612) *Petrochelidon lunifrons* (Say) Cassin.

CLIFF SWALLOW.

SYN.—*Hirundo lunifrons*; *Hirundo fulva*; *Petrochelidon pyrrhonota*.

STATUS—Abundant summer visitant locally throughout the State.

- 387 (613, part) *Hirundo erythrogastra palmeri* Grinnell.

WESTERN BARN SWALLOW.

SYN.—*Hirundo erythrogastra*; *Chelidon erythrogaster*; *Hirundo horreorum*; *Hirundo rufa*.

STATUS—Common migrant and summer visitant in suitable localities nearly throughout the State; breeds most numerous coastwise and northerly.

- 388 (614) *Tachycineta bicolor* (Vieillot) Cabanis.

TREE SWALLOW.

SYN.—*Chelidon bicolor*; *Hirundo bicolor*; *Hirundo bicolor* var. *vespertina*.

STATUS—Common in summer in favorable localities west of the Sierras, breeding chiefly in Upper Sonoran; quite extensively distributed during spring and fall; winters regularly, but in small numbers.

- 389 (615)
- Tachycineta lepida*
- Mearns.

## VIOLET-GREEN SWALLOW.

SYN.—*Hirundo thalassina*; *Tachycineta thalassina*.

STATUS—Common in spring and fall throughout the State; passes the summer and breeds in the Transition Zone nearly throughout its extent.

- 390 (616)
- Clivicola riparia*
- (Linnæus) Stejneger.

## BANK SWALLOW.

SYN.—*Cotyle riparia*.

STATUS—Common summer visitant in suitable localities; more generally distributed during migration.

- 391 (617)
- Stelgidopteryx ruficollis serripennis*
- (Audubon) Bangs.

## ROUGH-WINGED SWALLOW.

SYN.—*Cotyle serripennis*; *Stelgidopteryx serripennis*.

STATUS—Fairly common summer visitant below Transition, mostly east and south of the humid coast belt.

- 392 (618)
- Ampelis garrulus*
- (Linnæus) Linnæus.

## BOHEMIAN WAXWING.

STATUS—Known to have occurred only in February, 1892, in the northeastern corner of the State, whence many were recorded from Susanville and Quincy.

- 393 (619)
- Ampelis cedrorum*
- (Vieillot) Gray.

## CEDAR WAXWING.

STATUS—Common winter visitant irregularly through Upper and Lower Sonoran, remaining as late as June, but not known to breed within the State.

- 394 (620)
- Phainopepla nitens*
- (Swainson) Sclater.

## PHAINOPEPLA.

SYN.—*Philogonys nitens*.

STATUS—Common resident in the desert regions southeast of the Sierras, and in summer through the San Diegan district, breeding altogether in the Lower Sonoran Zone; recorded north casually to San Jose, Chico and Marysville.

- 395 (621, part)
- Lanius borealis invictus*
- Grinnell.

## NORTHWESTERN SHRIKE.

SYN.—*Lanius septentrionalis*; *Collurio borealis*; *Lanius borealis*.

STATUS—Fairly common midwinter visitant irregularly into northern California; recorded south to Nicasio, Marysville and Calaveras County.

- 396 (622 a)
- Lanius ludovicianus excubitorides*
- (Swainson) Coues.

## WHITE-RUMPED SHRIKE.

SYN.—*Lanius ludovicianus gambeli*, part; *Collyrio excubitoroides*, part.

STATUS—Common resident east of the Sierras chiefly below Transition, from Shasta Valley and Plumas County south to Fort Yuma and Indio; casually west of the Sierras in winter (Pasadena).

- 397 (622 b) *Lanius ludovicianus gambeli* Ridgway.

CALIFORNIA SHRIKE.

SYN.—*Collyrio excubitoroides*, part; *Lanius ludovicianus excubitorides*, part; *Collurio ludovicianus*, part; *Lanius ludovicianus*; *Lanius excubitorides*; *Collurio ludovicianus* var. *excubitoroides*; *Lanius elegans*, part.

STATUS—Common resident west of the Sierras chiefly below Transition; recorded from Red Bluff south to San Diego.

- 398 (622 c) *Lanius anthonyi* (Mearns) Grinnell.

ISLAND SHRIKE.

SYN.—*Lanius ludovicianus anthonyi*; *Lanius ludovicianus gambeli*, part; *Collyrio excubitoroides*, part; *Collurio ludovicianus*, part.

STATUS—Fairly common resident on San Clemente, Santa Catalina and Santa Cruz Islands.

- 399 (625) *Vireo flavoviridis* (Cassin) Baird.

YELLOW-GREEN VIREO.

STATUS—Known only from the record by W. W. Price of a specimen taken in the Santa Ana River bottom near Riverside, October 1, 1887.

- 400 (627, part) *Vireo gilvus swainsoni* (Baird) Coues.

WESTERN WARBLING VIREO.

SYN.—*Vireo gilvus*; *Vireo swainsoni*; *Vireosylvia swainsoni*; *Vireosylvia gilva swainsoni*; *Vireosylvia gilva*.

STATUS—Common summer visitant, breeding through Upper Sonoran and Transition; generally distributed elsewhere during migration.

- 401 (629 a) *Vireo solitarius cassini* (Xantus) Henshaw.

CASSIN VIREO.

SYN.—*Vireo solitarius*; *Vireo cassini*; *Vireosylvia solitaria*; *Lanivireo solitarius*; *Lanivireo solitarius* var. *cassini*; *Lanivireo cassini*.

STATUS—Common summer visitant through Transition, breeding chiefly along the Sierras; elsewhere during migration.

- 402 (629 b) *Vireo solitarius plumbeus* (Coues) Allen.

PLUMBEOUS VIREO.

STATUS—Known only from the record by H. W. Henshaw of a specimen secured in the Tejon Mountains, August 1, 1875.

- 403 (632) *Vireo huttoni huttoni* Cassin.

HUTTON VIREO.

SYN.—*Vireo huttoni obscurus*.

STATUS—Common resident through Upper Sonoran and Transition west of the Sierras, from Siskiyou County south to San Diego.

- 404 (633 a, part) *Vireo pusillus albatrus* Grinnell.

CALIFORNIA LEAST VIREO.

SYN.—*Vireo belli*; *Vireo pusillus*; *Vireo belli pusillus*.

STATUS—Common summer visitant through Lower Sonoran, breeding north in the San Joaquin-Sacramento Valley to Sacramento.

- 405 (634) *Vireo vicinior* Coues.

GRAY VIREO.

SYN.—*Vireo vicinior californicus*.

STATUS—Fairly common summer visitant to the foothills (Lower Sonoran ?) along the San Bernardino Mountains, north to Cajon Pass.

- 406 (636) *Mniotilta varia* (Linnæus) Vieillot.

BLACK-AND-WHITE WARBLER.

STATUS—Rare migrant; three records: male taken by W. O. Emerson on Farallone Island, May 28, 1887; specimen taken by H. A. Gaylord at Pasadena, October 8, 1895; male taken by W. O. Emerson at Carmel River, Monterey County, September 8, 1901.

- 407 (645 a) *Helminthophila rubricapilla gutturalis* (Ridgway) Ridgway.

CALAVERAS WARBLER.

SYN.—*Helminthophaga rubicapilla*; *Helminthophaga rubicapilla* var. *gutturalis*; *Helminthophila rubicapilla gutturalis*.

STATUS—Common summer visitant along the Sierra Nevada (Boreal) from Mount Shasta south to vicinity of Mount Whitney; fairly common migrant through the San Diegoan district, north casually to Paicines, San Benito County.

- 408 (646) *Helminthophila celata celata* (Say) Ridgway.

ORANGE-CROWNED WARBLER.

STATUS—Known only from the records by H. S. Swarth of its occurrence as a regular fall migrant at Los Angeles and Pasadena (September 17 to October 30).

- 409 (646 a) *Helminthophila celata lutescens* (Ridgway) Brewster.

LUTESCENT WARBLER.

SYN.—*Helminthophaga celata*, part; *Helinaia celata*; *Vermivora celata*, part; *Helminthophaga celata* var. *lutescens*.

STATUS—Common summer visitant in suitable localities nearly throughout the State; most numerous as a migrant in the San Diegoan district; winters sparingly.

- 410 (646 b) *Helminthophila sordida* (Townsend) Grinnell.

DUSKY WARBLER.

SYN.—*Helminthophila celata sordida*; *Helminthophaga celata*, part; *Helminthophila celata lutescens*, part; *Vermivora celata*, part.

STATUS—Common resident on San Clemente, Santa Catalina, Santa Cruz and Santa Rosa Islands; fairly common late summer and fall visitant to the adjacent mainland (Los Angeles to San Bernardino).

- 411 (647) *Helminthophila peregrina* (Wilson) Ridgway.

TENNESSEE WARBLER.

STATUS—Known only from the record by J. Grinnell of a female specimen secured near Pasadena, September 27, 1897.

- 412 (652, part) *Dendroica æstiva morcomi* Coale.

WESTERN YELLOW WARBLER.

SYN.—*Dendroica æstiva*; *Sylvicola æstiva*.

STATUS—Common migrant and summer visitant nearly throughout the State; breeds most abundantly in the Upper Sonoran Zone.

- 413 (652 b) *Dendroica æstiva rubiginosa* (Pallas) Oberholser.

ALASKA YELLOW WARBLER.

STATUS—Occurs only as a spring and fall migrant; recorded from Mountain Springs, San Diego County, May 11, and at Haywards from September 14 to October 7.

- 414 (654) *Dendroica cærulescens cærulescens* (Gmelin) Baird.

BLACK-THROATED BLUE WARBLER.

STATUS—Known only from the record by W. E. Bryant of a specimen secured on the Farallone Islands in November, 1886.

- 415 (655, part) *Dendroica coronata hooveri* McGregor.

ALASKA MYRTLE WARBLER.

SYN.—*Dendroica coronata*.

STATUS—Common winter visitant through central California, west of the Sierras; recorded south to Santa Barbara Island and Los Angeles.

- 416 (656) *Dendroica auduboni* (Townsend) Baird.

AUDUBON WARBLER.

SYN.—*Sylvicola auduboni*.

STATUS—Abundant winter visitant below Transition; summers in Transition along the Sierras from Mount Shasta south to the San Bernardino Mountains.

- 417 (657) *Dendroica maculosa* (Gmelin) Baird.

MAGNOLIA WARBLER.

STATUS—Rare migrant; male specimen secured by J. Grinnell on Santa Barbara Island, May 15, 1897, and two female specimens taken by H. S. Swarth at Los Angeles, October 21, 1897, and October 5, 1901, respectively.

- 418 (665) *Dendroica nigrescens* (Townsend) Baird.

BLACK-THROATED GRAY WARBLER.

SYN.—*Sylvicola nigrescens*.

STATUS—Common summer visitant through Transition along the Sierras, breeding from the San Bernardino Mountains north to McCloud River, Shasta County; occurs elsewhere as a migrant.

- 419 (668)
- Dendroica townsendi*
- (Townsend) Baird.

## TOWNSEND WARBLER.

STATUS—Common winter visitant to the Santa Cruz district, and sparingly elsewhere west of the Sierras; occurs more widely during migration.

- 420 (669)
- Dendroica occidentalis*
- (Townsend) Baird.

## HERMIT WARBLER.

STATUS—Fairly common summer visitant through Transition along the Sierra Nevada from Mount Whitney to Mount Shasta; occurs regularly as a migrant through the San Diegan district and more sparingly elsewhere.

- 421 (672)
- Dendroica palmarum palmarum*
- (Gmelin) Baird.

## PALM WARBLER.

STATUS—Known only from an immature male specimen secured by W. O. Emerson at Pacific Grove, October 9, 1896.

- 422 (675 a)
- Seiurus noveboracensis notabilis*
- (Ridgway) Ridgway.

## ALASKA WATER-THRUSH.

STATUS—Known only from the record by L. Belding of two specimens secured by A. M. Ingersoll at Santa Cruz in September, 1885.

- 423 (680)
- Geothlypis tolmiei*
- (Townsend) Stone.

## TOLMIE WARBLER.

SYN.—*Geothlypis macgillivrayi*; *Trichas tolmiei*; *Geothlypis philadelphia* var. *macgillivrayi*.

STATUS—Common summer visitant through Transition along the Sierras from the San Bernardino Mountains north to Mount Shasta, and sparingly in the coast belt (Los Gatos, etc.); elsewhere during migration.

- 424 (681 a)
- Geothlypis trichas occidentalis*
- Brewster.

## WESTERN YELLOWTHROAT.

STATUS—Fairly common summer visitant along the eastern border of the State in suitable localities east of the Sierras.

- 425 (681 c, part)
- Geothlypis trichas arizela*
- Oberholser.

## PACIFIC YELLOWTHROAT.

SYN.—*Geothlypis trichas occidentalis*, part; *Geothlypis trichas*, part; *Trichas delafieldi*.

STATUS—Common summer visitant in suitable localities west of the Sierra Nevada from about latitude 35° northward, excepting salt marshes of San Francisco Bay; abundant migrant south through the San Diegan district.

- 426 (681 c, part)
- Geothlypis trichas sinuosa*
- Grinnell.

## SALT MARSH YELLOWTHROAT.

SYN.—*Geothlypis trichas occidentalis*, part.

STATUS—Common resident on the salt marshes of San Francisco Bay.

- 427 (681 c, part) *Geothlypis trichas scirpicola* Grinnell.

TULE YELLOWTHROAT.

SYN.—*Geothlypis trichas occidentalis*, part; *Trichas marylandica*; *Geothlypis trichas*, part.  
STATUS—Common resident in suitable localities through the San Diegan district, northwest to Santa Barbara.

- 428 (683 a) *Icteria virens longicauda* (Lawrence) Coues.

LONG-TAILED CHAT.

SYN.—*Icteria longicauda*; *Icteria viridis*.  
STATUS—Fairly common summer visitant in suitable localities, breeding chiefly in Upper Sonoran west of the Sierras.

- 429 (685 a) *Wilsonia pusilla pileolata* (Pallas) Coues.

PILEOLATED WARBLER.

SYN.—*Sylvania pusilla pileolata*; *Myiodioides pusillus*; *Myiodioides pusillus pileolatus*; *Sylvania pusilla*.  
STATUS—Common summer visitant in suitable localities, chiefly in Upper Sonoran; widely distributed during migration.

- 430 (687) *Setophaga ruticilla* (Linnæus) Swainson.

AMERICAN REDSTART.

STATUS—Known only from two definite records, that by W. O. Emerson of a male specimen secured at Haywards, June 20, 1881, and that by L. Belding of a male specimen observed at Marysville Buttes, June 6, 1884.

- 431 (697) *Anthus pensilvanicus* (Latham) Thienemann.

AMERICAN PIPIT.

SYN.—*Anthus ludovicianus*.  
STATUS—Common winter visitant throughout the lower portions of the State; detected by C. H. Merriam on Mount Shasta in summer.

- 432 (701) *Cinclus mexicanus* Swainson.

AMERICAN DIPPER.

SYN.—*Cinclus americanus*; *Hydrobata mexicana*.  
STATUS—Common resident along streams in Transition and Boreal.

- 433 (702) *Oroscoptes montanus* (Townsend) Baird.

SAGE THRASHER.

SYN.—*Mimus montanus*.  
STATUS—Fairly common resident locally southeast of the Sierras, breeding in Upper Sonoran and wintering in Lower Sonoran; recorded north to Sierra Valley, and west casually during migration to Santa Paula.

- 434 (703) *Mimus polyglottos leucopterus* (Vigors) Mearns.

WESTERN MOCKINGBIRD.

SYN.—*Mimus polyglottos*; *Mimus caudatus*.

STATUS—Common resident throughout Lower Sonoran, north through Owens, San Joaquin and Salinas Valleys; recorded north casually to San Geronimo, Chico and Gridley; most numerous in the San Diegoan district.

- 435 (704) *Galeoscoptes carolinensis* (Linnæus) Cabanis.

CATBIRD.

SYN.—*Mimus carolinensis*.

STATUS—Known only from the record by C. H. Townsend of a specimen secured on the Farallone Islands, September 4, 1884.

- 436 (708) *Toxostoma bendirei* (Coues) Richmond.

BENDIRE THRASHER.

SYN.—*Harporhynchus bendirei*.

STATUS—Known only from the deserts of southeastern California, whence it has been recorded from Agua Caliente and Warrens Wells.

- 437 (710) *Toxostoma rediviva rediviva* (Gambel) Gambel.

CALIFORNIA THRASHER.

SYN.—*Harpes rediviva*; *Harporhynchus redivivus*, part.

STATUS—Common resident of the Upper Sonoran Zone west of the Sierra Nevada north of about latitude 35°; recorded north to Baird, Shasta County.

- 438 (710 a) *Toxostoma rediviva pasadenensis* (Grinnell) Richmond.

PASADENA THRASHER.

SYN.—*Toxostoma rediviva*, part; *Harporhynchus redivivus*, part; *Harporhynchus redivivus pasadenensis*.

STATUS—Common resident below Transition in the San Diegoan district.

- 439 (711) *Toxostoma lecontei lecontei* Lawrence.

LECONTE THRASHER.

SYN.—*Harporhynchus lecontei*; *Harporhynchus redivivus lecontei*.

STATUS—Fairly common resident in the deserts of southeastern California (Lower Sonoran); recorded north to head of Owens Valley (Benton) and west to Onyx and Buena Vista Lake, Kern County.

- 440 (712) *Toxostoma crissalis* Henry.

CRISSAL THRASHER.

SYN.—*Harporhynchus crissalis*.

STATUS—Resident locally in the Colorado Desert, from Fort Yuma northwest to Palm Springs.

- 441 (713) *Heleodytes brunneicapillus brunneicapillus* (Lafresne) Fisher.

CACTUS WREN.

SYN.—*Campylorhynchus brunneicapillus*; *Campylorhynchus conesi*; *Heleodytes brunneicapillus bryanti*.

STATUS—Common resident of Lower Sonoran in southern California on both sides of the Sierras, north to Ventura County, Kernville and Owens Valley.

- 442 (715) *Salpinctes obsoletus* (Say) Cabanis.

ROCK WREN.

SYN.—*Troglodytes obsoletus*.

STATUS—Common resident locally east of the humid coast belt, including the Farallones and part of the Santa Barbara Islands; more generally distributed in winter.

- 443 (—) *Salpinctes pulverius* (Grinnell) Grinnell.

SAN NICOLAS ROCK WREN.

SYN.—*Salpinctes obsoletus*, part; *Salpinctes obsoletus pulverius*.

STATUS—Common resident on San Nicolas and San Clemente Islands.

- 444 (717 a) *Catherpes mexicanus conspersus* Ridgway.

CANYON WREN.

STATUS—Fairly common resident among the desert ranges southeast of the Sierra Nevada, north to Mono Lake.

- 445 (717 b) *Catherpes mexicanus punctulatus* Ridgway.

DOTTED CANYON WREN.

SYN.—*Catherpes mexicanus conspersus*, part; *Catherpes mexicanus*; *Troglodytes mexicanus*.

STATUS—Fairly common resident locally west of the Sierran divide, chiefly along the west slope of the Sierras (Transition); sparingly in the coast ranges north to Mount Diablo and Mount Saint Helena.

- 446 (719 a, part) *Thryomanes bewicki spilurus* (Vigors) Ridgway.

VIGORS WREN.

SYN.—*Troglodytes spilurus*; *Troglodytes bewicki*, part; *Thryothorus bewicki spilurus*, part; *Thryothorus bewicki*, part.

STATUS—Common resident in the humid coast belt from southern Monterey County north to Mendocino County, east to include the San Francisco Bay region.

- 447 (719 a, part) *Thryomanes bewicki drymæcus* Oberholser.

SAN JOAQUIN WREN.

SYN.—*Thryomanes bewicki*, part; *Thryothorus bewicki*, part; *Thryothorus bewicki spilurus*, part; *Thryomanes bewicki spilurus*, part; *Thryothorus spilurus*, part; *Troglodytes bewicki* var. *spilurus*.

STATUS—Common resident through the San Joaquin-Sacramento basin, chiefly in Upper Sonoran and Transition, from the Tejon Mountains north to Shasta County, and west to the coast in the vicinity of Santa Barbara County; casual in winter to Barstow and Pasadena.

448 (719 d) *Thryomanes bewicki charienturus* Oberholser.

## SAN DIEGO WREN.

SYN.—*Troglodytes bewicki*, part; *Thryothorus bewicki*, part; *Thryothorus spilurus*, part; *Thryothorus bewicki spilurus*, part; *Thryothorus bewicki bairdi*, part.

STATUS—Common resident in Upper Sonoran and Transition in the San Diegan district, northwest to Ventura County, including Santa Catalina Island.

449 (719 b, part) *Thryomanes bewicki eremophilus* Oberholser.

## DESERT WREN.

SYN.—*Thryothorus bewicki bairdi*, part.

STATUS—Fairly common resident along the desert ranges southeast of the Sierra Nevada (White Mountains, Argus Range, etc.).

450 (719 a, part) *Thryomanes nesophilus* (Oberholser) Grinnell.

## SANTA CRUZ ISLAND WREN.

SYN.—*Thryomanes bewicki nesophilus*; *Thryomanes bewicki spilurus*, part; *Thryothorus bewicki bairdi*, part.

STATUS—Fairly common resident on Santa Cruz and Santa Rosa Islands.

451 (719.1) *Thryomanes leucophrys* (Anthony) A. O. U. Committee.

## SAN CLEMENTE WREN.

SYN.—*Thryothorus bewicki*, part; *Thryothorus bewicki bairdi*, part; *Thryomanes bewicki leucophrys*; *Thryothorus leucophrys*.

STATUS—Common resident on San Clemente Island.

452 (721 a) *Troglodytes aedon parkmani* (Audubon) Coues.

## PARKMAN WREN.

SYN.—*Troglodytes aedon*; *Troglodytes domesticus parkmani*; *Troglodytes parkmani*, part; *Troglodytes americanus*; *Troglodytes sylvestris*; *Troglodytes aedon aztecus*, part.

STATUS—Common summer visitant nearly throughout the State west of the Sierran divide; winters sparingly in the San Diegan district.

453 (721 b) *Troglodytes aedon aztecus* Baird.

## WESTERN HOUSE WREN.

SYN.—*Troglodytes parkmani*, part.

STATUS—Fairly common summer visitant to the desert ranges east of the Sierra Nevada and north to Mono Lake.

454 (722 a) *Troglodytes hiemalis pacificus* Baird.

## WESTERN WINTER WREN.

SYN.—*Troglodytes hiemalis*; *Anorthura hiemalis pacifica*; *Anorthura troglodytes pacifica*; *Troglodytes parvulus* var. *pacificus*.

STATUS—Common resident through the humid coast belt (Transition) south to Point Sur, Monterey County; also more sparingly in the northern Sierra Nevada south to Calaveras County; occurs more widely as a winter visitant; recorded south in midwinter as far as Mount Wilson, Los Angeles County.

- 455 (725 a) *Cistothorus palustris paludicola* Baird.

TULE WREN.

SYN.—*Cistothorus palustris*, part; *Troglodytes palustris*; *Telmatodytes palustris paludicola*.

STATUS—Common resident locally in suitable localities west of the Sierran divide; more widely distributed in the lowlands in winter.

- 456 (725 c) *Cistothorus palustris plesius* Oberholser.

WESTERN MARSH WREN.

SYN.—*Cistothorus palustris*, part; *Cistothorus palustris paludicola*, part.

STATUS—Common resident locally in suitable localities east of the Sierran divide, breeding at Eagle Lake, etc.

- 457 (726 c) *Certhia familiaris occidentalis* Ridgway.

CALIFORNIA CREEPER.

SYN.—*Certhia familiaris americana*, part.

STATUS—Fairly common resident in humid coast Transition south to the Santa Cruz Mountains.

- 458 (726 d) *Certhia familiaris zelotes* Osgood.

SIERRA CREEPER.

SYN.—*Certhia familiaris occidentalis*, part; *Certhia familiaris americana*, part; *Certhia mexicana*; *Certhia familiaris*; *Certhia americana*; *Certhia familiaris fusca*.

STATUS—Common resident in Transition and lower Boreal along the whole length of the Sierras; occurs west through the intervening valleys to the coast in winter.

- 459 (727 a) *Sitta carolinensis aculeata* (Cassin) Allen.

SLENDER-BILLED NUTHATCH.

SYN.—*Sitta carolinensis*; *Sitta aculeata*.

STATUS—Common resident of Transition everywhere, except in the humid coast belt; occurs sparingly in winter down into Sonoran.

- 460 (728) *Sitta canadensis* Linnaeus.

RED-BREASTED NUTHATCH.

STATUS—Occurs irregularly as a common winter visitant to timbered districts nearly throughout the State; remains through the summer in Boreal on the Sierra Nevada.

- 461 (730) *Sitta pygmæa pygmæa* Vigors.

PYGMY NUTHATCH.

STATUS—Common resident locally in Transition; most abundant in the southern Sierras and in the Santa Cruz district.

- 462 (733) *Parus inornatus inornatus* Gambel.

PLAIN TITMOUSE.

SYN.—*Lophophanes inornatus*.

STATUS—Common resident in oak regions throughout Upper Sonoran west of the Sierras; recorded north to Battle Creek, Shasta County.

- 463 (733 a) *Parus inornatus griseus* Ridgway.

GRAY TITMOUSE.

STATUS—Fairly common resident in Upper Sonoran along the desert ranges southeast of the Sierra Nevada.

- 464 (738) *Parus gambeli* Ridgway.

MOUNTAIN CHICKADEE.

SYN.—*Parus montanus*.

STATUS—Common resident of Transition along the whole length of the Sierras from the Cuyamaca Mountains north to the Siskiyou Mountains; casual in winter down into Sonoran.

- 465 (741) *Parus rufescens rufescens* Townsend.

CHESTNUT-SIDED CHICKADEE.

STATUS—Common resident in the northern humid coast belt (Del Norte, Humboldt and Mendocino Counties); casually to Mount Shasta and Mount Saint Helena.

- 466 (741 a, part) *Parus rufescens neglectus* Ridgway.

MARIN CHICKADEE.

STATUS—Common resident in the humid coast belt of Marin and Sonoma Counties.

- 467 (741 a, part) *Parus rufescens barlowi* Grinnell.

SANTA CRUZ CHICKADEE.

SYN.—*Parus rufescens*, part; *Parus rufescens neglectus*, part.

STATUS—Common resident in the Santa Cruz district, from San Francisco (formerly) south to Sur River, Monterey County; east casually to Haywards.

- 468 (742 a) *Chamæa fasciata fasciata* (Gambel) Gambel.

PALLID WREN-TIT.

SYN.—*Parus fasciatus*; *Chamæa fasciata henshawi*.

STATUS—Common resident in Upper Sonoran west of the Sierras (excepting the humid coast belt) from San Diego north to the lower McCloud River, Shasta County.

- 469 (742, part) *Chamæa fasciata intermedia* Grinnell.

INTERMEDIATE WREN-TIT.

SYN.—*Chamæa fasciata*, part.

STATUS—Common resident in the humid coast belt from Carmel River, Monterey County, north through Marin and Sonoma Counties, and east to include the San Francisco Bay region.

- 470 (742, part) *Chamæa fasciata phæa* Osgood.

NORTHERN WREN-TIT.

SYN.—*Chamæa fasciata*, part.

STATUS—Fairly common resident in the northern humid coast belt (Del Norte, Humboldt and Mendocino Counties).

- 471 (743+743 a) *Psaltriparus minimus minimus* (Townsend) Bonaparte.

CALIFORNIA BUSH-TIT.

SYN.—*Psaltriparus minimus californicus*; *Parus minimus*; *Psaltia minima*; *Acredula minima*.

STATUS—Common resident below Boreal west of the Sierras; most abundant in oak regions.

- 472 (744) *Psaltriparus plumbeus* Baird.

LEAD-COLORED BUSH-TIT.

STATUS—Common resident along the desert ranges southeast of the Sierra Nevada (Pana-mint, White, Grapevine and Inyo Mountains).

- 473 (746) *Auriparus flaviceps* (Sundevall) Baird.

VERDIN.

SYN.—*Agithalus flaviceps*; *Paroides flaviceps*; *Auriparus flaviceps ornatus*.

STATUS—Common resident locally in the deserts (Lower Sonoran) of southeastern California; recorded north to Resting Springs, Inyo County, and west to Earstow, Coahuila Valley, etc.

- 474 (748 a) *Regulus satrapa olivaceus* Baird.

WESTERN GOLDEN-CROWNED KINGLET.

SYN.—*Regulus satrapa*.

STATUS—Common winter visitant south through the humid coast belt; of irregular occurrence in midwinter elsewhere west of the Sierras south as far as Mount Wilson, Los Angeles County; remains through the summer sparingly on the high Sierra Nevada south to vicinity of Mount Whitney.

- 475 (749) *Regulus calendula calendula* (Linnaeus) Lichtenstein.

RUBY-CROWNED KINGLET.

STATUS—Abundant winter visitant throughout the State; remains through the summer and breeds in Boreal on the Sierras south to the San Jacinto Mountains.

- 476 (749 a) *Regulus calendula grinnelli* Palmer.

SITKA KINGLET.

STATUS—Fairly common winter visitant south through the humid coast belt as far as Monterey.

- 477 (751 a) *Poliophtila cærulea obscura* Ridgway.

WESTERN GNATCATCHER.

SYN.—*Poliophtila cærulea*; *Culicivora cærulea*.

STATUS—Common resident locally through Sonoran (excepting the humid coast belt); migrant northerly; recorded in summer north to Vreka.

478 (752) *Polioptila plumbea* Baird.

## PLUMBEOUS GNATCATCHER.

SYN.—*Polioptila melanura*, part.

STATUS—Common resident locally in the deserts (Lower Sonoran) of southeastern California; recorded north to Resting Springs, Inyo County, and west to Palm Springs, Riverside County.

479 (753) *Polioptila californica* Brewster.

## BLACK-TAILED GNATCATCHER.

SYN.—*Polioptila melanura*, part; *Culicivora atricapilla*.

STATUS—Common resident locally in Lower Sonoran in the San Diegan district, northwest to Ventura.

480 (754) *Myadestes townsendi* (Audubon) Cabanis.

## TOWNSEND SOLETAIRE.

SYN.—*Phlogonys townsendi*.

STATUS—Common in summer along the Sierras (Boreal) locally from Mount Shasta south to the San Bernardino Mountains; more generally distributed in winter through Transition, and sparingly west to the coast.

481 (758+758 b) *Hylocichla ustulata ustulata* (Nuttall) Ridgway.

## RUSSET-BACKED THRUSH.

SYN.—*Turdus ustulatus*; *Turdus nanus*, part; *Turdus swainsoni*; *Turdus swainsoni ustulatus*; *Turdus ustulatus swainsoni*; *Hylocichla ustulata oedica*.

STATUS—Common summer visitant in suitable localities through Upper Sonoran and Transition; occurs elsewhere during migration.

482 (759, part) *Hylocichla aonalaschkæ aonalaschkæ* (Gmelin) Ridgway.

## DWARF HERMIT THRUSH.

SYN.—*Turdus minor*; *Turdus nanus*, part; *Turdus aonalaschkæ*, part; *Turdus aonalaschkæ auduboni*, part; *Turdus pallasi* var. *nanus*; *Turdus guttatus*.

STATUS—Abundant winter visitant throughout the State.

483 (759, part) *Hylocichla aonalaschkæ verecunda* Osgood.

## COAST HERMIT THRUSH.

SYN.—*Hylocichla aonalaschkæ*, part; *Turdus aonalaschkæ*, part; *Turdus pallasi*; *Turdus nanus*, part.

STATUS—Common winter visitant south through the humid coast belt; casually to Los Angeles County.

484 (—) *Hylocichla aonalaschkæ slevini* Grinnell.

## MONTEREY HERMIT THRUSH.

SYN.—*Turdus nanus*, part; *Turdus sequoiensis*, part; *Turdus aonalaschkæ sequoiensis*, part.

STATUS—Fairly common summer visitant locally in the southern humid coast belt from Point Sur, Monterey County, north to Sonoma County; migrant through the San Diegan district (Pasadena).

- 485 (759 a, part) *Hylocichla aonalaschkæ sequoiensis* (Belding) Fisher.

SIERRA HERMIT THRUSH.

SYN.—*Turdus aonalaschkæ*, part; *Turdus auduboni*; *Turdus aonalaschkæ auduboni*, part; *Turdus sequoiensis*, part; *Turdus aonalaschkæ sequoiensis*, part; *Hylocichla aonalaschkæ sequoiensis*.

STATUS—Fairly common summer visitant to Boreal along the Sierras from Mount Shasta south to the San Bernardino Mountains.

- 486 (761 a) *Merula migratoria propinqua* (Ridgway) Ridgway.

WESTERN ROBIN.

SYN.—*Turdus migratorius*; *Turdus migratorius* var. *propinqua*.

STATUS—Common winter visitant nearly throughout the State; in summer, confined to the higher mountains in the interior, breeding south along the Sierras (Boreal) to the San Bernardino Mountains.

- 487 (762) *Merula confinis* (Baird) Ridgway.

SAINT LUCAS ROBIN.

STATUS—Known only from the record by W. O. Emerson of a female specimen secured at Haywards, January 2, 1880.

- 488 (763, part) *Hesperocichla nævia nævia* (Gmelin) Ridgway.

VARIED THRUSH.

SYN.—*Turdus nævius*, part; *Geocichla nævia*.

STATUS—Common winter visitant south through the humid coast belt; recorded in summer from the vicinity of Humboldt Bay (in humid Boreal).

- 489 (763, part) *Hesperocichla nævia meruloides* (Swainson) Grinnell.

NORTHERN VARIED THRUSH.

SYN.—*Turdus nævius*, part; *Hesperocichla nævia*, part.

STATUS—Common winter visitant west of the Sierras (except in the humid coast belt in general), south to southern Los Angeles County.

- 490 (767) *Sialia mexicana occidentalis* (Townsend) Ridgway.

WESTERN BLUEBIRD.

SYN.—*Sialia mexicana*; *Sialia occidentalis*; *Sialia mexicana anabelæ*.

STATUS—Common resident throughout Transition; breeds locally in Upper Sonoran; more generally distributed in winter down throughout Sonoran.

- 491 (768) *Sialia arctica* Swainson.

MOUNTAIN BLUEBIRD.

STATUS—Irregularly common winter visitant nearly throughout the State east of the humid coast belt; common in summer on the higher Sierra Nevada and ranges to the eastward, breeding from Mount Shasta south to the San Bernardino Mountains.

## HYPOTHETICAL LIST.

NOTE:—This list consists of species which have been ascribed to California, but concerning which there is doubt either as to the evidence of their occurrence or as to their validity as species. Besides the thirty-three species here enumerated, some fifty others of still more doubtful standing have been credited to the State. But these were mostly recorded in the earlier writings, when "California" covered a much more extensive and indefinite area than now, and when matters of exact locality were not considered of so much importance. Many of these are west Mexican or even Central and South American species.

- 1 (5) *Colymbus dominicus brachypterus* Chapman.

SAN DOMINGO GREBE.

SYN.—*Colymbus dominicus*; *Podiceps dominicus*.

STATUS—Often quoted from W. Gambel as occurring in "Upper California"; no definite record.

- 2 (4, Hyp. List) *Creagrus furcatus* (Neboux) Bonaparte.

SWALLOW-TAILED GULL.

SYN.—*Xema furcata*.

STATUS—Known only from a specimen said to have been obtained by Dr. Neboux of the French frigate "Venus" at Monterey in November; the locality of capture has been doubted.

- 3 (70) *Sterna hirundo* Linnæus.

COMMON TERN.

STATUS—Said to occur as a migrant through the State, but record of locality and specimens are wanting.

- 4 (—) *Diomedea melanophrys* Boie.

SPECTACLED ALBATROSS.

STATUS—Record of occurrence "1060 miles west of Cape Mendocino", even if authentic, is somewhat beyond our limits.

- 5 (83) *Thalassogeron culminatus* (Gould) Ridgway.

YELLOW-NOSED ALBATROSS.

STATUS—A skull said to have been obtained on the California coast; also recorded off the coast of Oregon.

- 6 (84) *Phœbetria fuliginosa* (Gmelin) Reichenbach.

SOOTY ALBATROSS.

STATUS—A southern species ascribed to California because it is said to extend "north to the coast of Oregon"; no definite record for our State.

- 7 (85) *Ossifraga gigantea* (Gmelin) Reichenbach.

GIANT FULMAR.

SYN.—*Fulmarus giganteus*.

STATUS—Known only from the statement of J. G. Cooper that it was often seen in the summer of 1861 about the whale fishery in Monterey Bay; no confirmation.

- 8 (87) *Priocella glacialis* (Smith) Ridgway.

SLENDER-BILLED FULMAR.

SYN.—*Fulmarus glacialis*.

STATUS—A supposed skeleton found at Santa Catalina Island in 1863 by J. G. Cooper; also said to occur northward to the coast of Washington.

- 9 (113) *Phaethon æthereus* Linnæus.

RED-BILLED TROPIC BIRD.

STATUS—A skull said to have been found on the coast of Marin County about 1868.

- 10 (183) *Ajaia ajaja* (Linnæus) Reichenbach.

ROSEATE SPOONBILL.

SYN.—*Plata mexicana*; *Ajaja rosea*.

STATUS—Known only from the statement of W. Gambel in 1849 that "small flocks of this beautiful bird have several times extended up the coast even as far as San Francisco".

- 11 (204) *Grus americana* (Linnæus) Vieillot.

WHOOING CRANE.

STATUS—Recorded as perhaps seen in spring and fall in Butte and Sutter Counties.

- 12 (205) *Grus canadensis* (Linnæus) Temminck.

LITTLE BROWN CRANE.

STATUS—Although it is almost certain that this species is a common spring and fall migrant through the State, specimens seem to be as yet lacking.

- 13 (216.1) *Porzana coturniculus* (Ridgway) Ridgway.

FARALLONE RAIL.

SYN.—*Porzana jamaicensis coturniculus*; *cresciscus coturniculus*.

STATUS—Described from a single specimen said to have been obtained on the Farallone Islands; both locality of capture and status of specimen are in doubt.

- 14 (251) *Limosa hæmastica* (Linnæus) Coues.

HUDSONIAN GODWIT.

SYN.—*Limosa hudsonica*.

STATUS—Three specimens listed as from "California" in Volume XXIV of the "Catalogue of Birds"; no definite record of locality of capture.

- 15 (266) *Numenius borealis* (Forster) Latham.

ESKIMO CURLEW.

STATUS—The records of its occurrence at San Francisco and San Diego have both been questioned.

- 16 (335) *Parabuteo unicinctus harrisi* (Audubon) Ridgway.

HARRIS HAWK.

STATUS—While this species is almost certain to occur over the southern border of the State, definite record of capture seems to be still wanting.

- 17 (—) *Buteo solitarius* Cassin.

GRUBER HAWK.

SYN.—*Onychotes solitarius*; *Onychotes gruberi*.

STATUS—A Hawaiian species, a specimen of which is said to have been obtained in California.

- 18 (14, Hyp. List) *Buteo cooperi* Cassin.

COOPER HENHAWK.

STATUS—Known only from the unique specimen shot by J. G. Cooper near Mountain View, Santa Clara County, in November, 1855; its relationship is in doubt.

- 19 (362) *Polyborus cheriway* (Jacquin) Cabanis.

AUDUBON CARACARA.

SYN.—*Polyborus tharus*; *Polyborus tharus* var. *auduboni*; *Polyborus auduboni*.

STATUS—Known only from the record by A. L. Heermann that he saw one on the Colorado River near Fort Yuma.

- 20 (373 d) *Megascops asio kennicotti* (Elliot) Stejneger.

KENNICOTT SCREECH OWL.

STATUS—While this form may be confidently expected to occur in the northern humid coast belt, there is as yet no satisfactory record.

- 21 (391) *Ceryle americana septentrionalis* Sharpe.

TEXAS KINGFISHER.

SYN.—*Ceryle americana*; *Ceryle americana cabanisi*; *Ceryle cabanisi*.

STATUS—The records of occurrence on the lower Colorado River and in Poway Valley, San Diego County, are not satisfactory.

- 22 (406) *Melanerpes erythrocephalus* (Linnæus) Swainson.

RED-HEADED WOODPECKER.

STATUS—The record by W. Gambel of the common occurrence of this species in the oak timber near the Mission of San Gabriel (Los Angeles County) remains unconfirmed.

- 23 (414) *Colaptes chrysoides chrysoides* (Malherbe) Reichenbach.

GILDED FLICKER.

STATUS—Although doubtlessly occurring in the southeast corner of the State, a definite record seems to be as yet wanting.

- 24 (426) *Eugenes fulgens* (Swainson) Gould.

RIVOLI HUMMINGBIRD.

STATUS—The authenticity of the recent record of a specimen from San Geronio Pass has been questioned.

- 25 (16.2, Hyp. List) *Trochilus violajugulum* Jeffries.

VIOLET-THROATED HUMMINGBIRD.

STATUS—The type specimen from Santa Barbara remains unique; probably a hybrid.

- 26 (442) *Milvulus tyrannus* (Linnæus) Bonaparte.

FORK-TAILED FLYCATCHER.

STATUS—Recently attributed to California, but the nature of the evidence has not been ascertained.

- 27 (513) *Quiscalus major* Vieillot.

BOAT-TAILED GRACKLE.

STATUS—Known only from the statement by W. Gambel that it was occasionally seen as far north as Upper California.

- 28 (607.1) *Piranga rubriceps* Gray.

GRAY TANAGER.

STATUS—A specimen claimed to have been secured at Dos Pueblos, Santa Barbara County; locality very doubtful.

- 29 (610 a) *Piranga rubra cooperi* (Ridgway) Ridgway.

COOPER TANAGER.

SYN.—*Piranga æstiva cooperi*.

STATUS—Specimen said to have been obtained at Santa Barbara; probably does occur in spring over the southeastern border of the State, but satisfactory evidence is so far wanting.

- 30 (—) *Lanius robustus* (Baird) Gadow.

BAIRD SHRIKE.

SYN.—*Collurio elegans*; *Collurio ludovicianus* var. *robustus*; *Lanius elegans*.

STATUS—Type said to have come from "California", but locality in doubt.

- 31 (643) *Helminthophila luciae* (Cooper) Ridgway.

LUCY WARBLER.

SYN.—*Helminthophaga luciae*.

STATUS—Attributed to southern California, though there is no definite record nearer than Fort Mojave which is on the Arizona side of the Colorado River.

- 32 (664) *Dendroica graciae* Baird.

GRACE WARBLER.

STATUS—The record of a specimen said to have been shot near Santa Paula, Ventura County, has not been verified.

- 33 (735 b) *Parus atricapillus occidentalis* (Baird) Coues.

OREGON CHICKADEE.

SYN.—*Parus atricapillus*; *Parus occidentalis*.

STATUS—The several records so far made are all questionable; the species should, however, be confidently looked for in the northern humid coast belt.



## INDEX.

- ACANTHIS* *linaria* 50  
*Acanthylis* *vauxi* 40  
*Accipiter* *atricapillus striatulus* 32  
     *cooperi* 32  
     *mexicanus* 32  
     *fuscus* 32  
     *mexicanus* 32  
     *velox* 32  
         *rufilatus* 32  
*Acredula* *minima* 72  
*Actitis* *macularia* 27  
*Actodromas* *maculata* 25  
     *minutilla* 26  
*Adamastor* *cincereus* 15  
*Æchmophorus* *clarkii* 9  
     *occidentalis* 9  
         *clarkii* 9  
*Ægialeus* *semipalmatus* 28  
*Ægialitis* *alexandrina nivosa* 28  
     *asiaticus* var. *montanus* 28  
     *cantiana* 28  
         *nivosa* 28  
     *curonica* 28  
     *dubia* 28  
     *microrhyncha* 28  
     *montanus* 28  
     *nivosa* 28  
     *semipalmata* 28  
     *vocifera* 28  
     *wilsonia* 28  
*Ægithalus* *flaviceps* 72  
*Aeronantes* *melanoleucus* 40  
*Æsalon* *columbarius* 33  
*Æthya* *americana* 19  
     *vallisneria* 19  
*Agelaius* *gubernator* 47  
     *californicus* 47  
     *phœniceus* 47  
         *caurinus* 47  
         *gubernator* 47  
         *longirostris* 47  
         *neutralis* 47  
         *sonoriensis* 47  
         var. *tricolor* 48  
     *tricolor* 48  
     *xanthocephalus* 47  
*Aimophila* *ruficeps* 54  
*Aix* *sponsa* 18  
*Ajaja* *ajaja* 76  
     *rosca* 76  
*Alauda* *alpestris* 44  
     *rufa* 44  
*Albatross*, *Black-footed* 14  
     *Short-tailed* 14  
     *Sooty* 76  
     *Spectacled* 75  
     *Yellow-nosed* 75  
*Alcedo* *alcyon* 36  
*Aluco* *flammeus americanus* 34  
*Ammodramus* *beldingi* 51  
     *caudacutus becki* 51  
         *nelsoni* 51  
     *nelsoni* 51  
     *rostratus* 51  
     *ruficeps* 54  
     *samuelis* 55  
     *sandwichensis* 51  
         *alaudinus* 51  
         *beldingi* 51  
         *bryanti* 51  
         *savanna* 51  
     *savannarum bimaculatus* 51  
         *perpallidus* 51  
*Ampelis* *cedrorum* 61  
     *garrulus* 61  
*Amphispiza* *belli* 54  
     *clementæ* 54  
     *nevadensis* 54  
     *nevadensis* 54  
*Anas* *americana* 18  
     *boschas* 17  
     *carolinensis* 18  
     *crecca* 18  
     *cyanoptera* 18  
     *discors* 18  
     *penelope* 17  
     *strepera* 17  
*Anorthura* *hiemalis pacifica* 69  
     *troglodytes pacifica* 69  
*Anser* *albatus* 21  
     *albifrons* 21  
         *gambeli* 21  
     *erythropus* 21  
     *gambeli* 21  
     *hutchinsi* 21  
     *hyperboreus* 21  
     *rossi* 21  
*Anthus* *ludovicianus* 66  
     *pensilvanicus* 66  
*Antrostomus* *nuttalli* 39, 40  
*Aphelocoma* *californica* 45  
     *obscura* 45  
     *floridana* var. *californica* 45

- insularis 46  
 woodhousei 45  
*Aphriza virgata* 28  
*Aquila canadensis* 33  
   *chrysaetos* 33  
     *canadensis* 33  
*Archibuteo ferrugineus* 33  
   *lagopus* 32  
     *sancti-johannis* 32  
     *sancti-johannis* 32  
*Ardea candidissima* 23  
   *egretta* 23  
   *exilis* 23  
   *herodias* 23  
   *minor* 22  
   *occidentalis* 23  
   *virescens* 23  
     *anthonyi* 23  
*Ardeola exilis* 23  
*Ardetta exilis* 23  
*Arenaria interpres* 29  
   *melanocephala* 29  
   *morinella* 29  
*Asio accipitrinus* 34  
   *americanus* 34  
   *wilsonianus* 34  
*Astragalinus lawrencei* 50  
   *psaltria* 50  
     *arizonæ* 50  
     *tristis* 50  
     *salicamans* 50  
*Astur atricapillus* 32  
   *cooperi* 32  
   *palumbarius* var. *striatulus* 32  
*Asyndesmus torquatus* 39  
*Athene cunicularia* 36  
   *hypogæa* 36  
   *infuscata* 36  
   *socialis* 36  
*Atlapetes chlorurus* 59  
*Atthis anna* 41  
   *costæ* 41  
*Auklet, Cassin* 10  
   *Paroquet* 10  
   *Rhinoceros* 10  
*Auriparus flaviceps* 72  
   *ornatus* 72  
*Avocet, American* 25  
*Aythya affinis* 19  
   *americana* 19  
   *collaris* 19  
   *erythrocephala* 19  
   *marila* 19  
     *nearctica* 19  
     *vallisneria* 19  
 BALDPATE 18  
*Bernicla brenta* 22  
   *canadensis* 21  
   *gambeli* 21  
   *hutchinsi* 21  
   *leucoparia* 21  
   *nigricans* 22  
*Bittern, American* 22  
   *Least* 23  
*Blackbird, Bicolored* 47  
   *Brewer* 48  
   *Northwest Red-winged* 47  
   *San Diego Red-winged* 47  
   *Sonoran Red-winged* 47  
   *Tricolored* 48  
   *Yellow-headed* 47  
*Blasipus belcheri* 13  
   *heermanni* 13  
*Bluebird, Mountain* 74  
   *Western* 74  
*Bobolink* 47  
*Bonasa sabinei* 30  
   *umbellus* 30  
     *sabinei* 30  
*Botaurus exilis* 23  
   *lentiginosus* 22  
   *minor* 22  
*Brachyotus cassini* 34  
   *palustris* 34  
*Brachyramphus hypoleucus* 11  
   *marmoratus* 10  
*Brant, Black* 22  
*Branta canadensis* 21  
   *hutchinsi* 21  
   *minima* 21  
   *occidentalis* 21  
   *hutchinsi* var. *leucoparia* 21  
   *minima* 21  
   *nigricans* 22  
   *occidentalis* 21  
*Bubo magellanicus* 35  
   *virginianus* 35  
     *atlanticus* 35  
     *pacificus* 35  
     *saturatus* 35  
     *subarcticus* 35  
     var. *arcticus* 35  
*Bucephala albeola* 20  
   *americana* 19  
   *clangula* 19  
     var. *americana* 19  
     *islandica* 19  
*Buffle-head* 20  
*Bunting, Lark* 60  
   *Lazuli* 60  
*Buphagus skua* 11  
*Bush-tit, California* 72  
   *Lead-colored* 72  
*Buteo abbreviatus* 32

- borealis* 32  
*calurus* 32  
*californica* 33  
*calurus* 32  
*cooperi* 77  
*elegans* 32  
*harlani* 32  
*insignatus* 32  
*lineatus* 32  
*elegans* 32  
*montanus* 32  
*obsoletus* 32  
*oxypterus* 32  
*solitarius* 77  
*swainsoni* 32  
*zonocercus* 32  
*Butorides virescens* 23  
*CALAMOSPIZA bicolor* 60  
*melanocoris* 60  
*Calidris arenaria* 26  
*Callipepla californica* 29, 30  
*vallicola* 30  
*gambeli* 30  
*deserticola* 30  
*picta* 29  
*Calliphlox auna* 41  
*rufa* 41  
*Callothorax calliope* 42  
*Calypte anna* 41  
*costæ* 41  
*Campylorhynchus brunneicapillus* 68  
*couesi* 68  
*Canace obscura* 30  
*Canvas-back* 19  
*Caracara, Audubon* 77  
*Carbo dilophus* 10  
*penicillatus* 16  
*townsendi* 16  
*Carduelis lawrencei* 50  
*psaltria* 50  
*tristis* 50  
*Carpodacus californicus* 49  
*cassini* 49  
*clementis* 49  
*fauiliaris* 49  
*frontalis* 49  
*rhodocolpus* 49  
*mexicanus clementis* 49  
*frontalis* 49  
*obscurus* 49  
*purpureus* 49  
*californicus* 49  
*rhodocolpus* 49  
*Catarractes californicus* 11  
*Catbird* 67  
*Cathartes aura* 31  
*californianus* 31  
*Catherpes mexicanus* 68  
*conspersus* 68  
*punctulatus* 68  
*Centrocerus urophasianus* 30  
*Centurus uropygialis* 39  
*Ceophloeus pileatus* 38  
*abieticola* 38  
*Cepphus columba* 11  
*Cerchneis sparverius* 34  
*Cerorhina occidentalis* 10  
*suckleyi* 10  
*Cerorhinca monocerata* 10  
*Cerorhyncha monocerata* 10  
*Certhia americana* 70  
*familiaris* 70  
*americana* 70  
*fusca* 70  
*occidentalis* 70  
*zelotes* 70  
*mexicana* 70  
*Ceryle alcyon* 36  
*americana* 77  
*cabanisi* 77  
*septentrionalis* 77  
*cabanisi* 77  
*Chætura vauxi* 40  
*Chamaea fasciata* 71  
*henshawii* 71  
*intermedia* 71  
*phaea* 71  
*Chamaepelia passerina* 31  
*Charadrius cantianus* 28  
*dominicus* 28  
*helveticus* 27  
*montanus* 28  
*squatarola* 27  
*virginicus* 28  
*vociferus* 28  
*Charitonetta albeola* 20  
*Chat, Long-tailed* 66  
*Chaulelasmus streperus* 17  
*Chelidon bicolor* 60  
*erythrogaster* 60  
*Chen albatrus* 21  
*cærulescens* 21  
*hyperboreus* 21  
*nivalis* 21  
*rossi* 21  
*Chickadee, Chestnut-sided* 71  
*Marin* 71  
*Mountain* 71  
*Oregon* 79  
*Santa Cruz* 71  
*Chondestes grammacus* 52  
*strigatus* 52  
*Chordeiles acutipennis texensis* 40

- popetue 40  
     var. henryi 40  
 texensis 40  
 virginianus 40  
     henryi 40  
*Chroicocephalus philadelphia* 13  
*Chrysomitris lawrencei* 50  
     pinus 50  
     psaltria 50  
         var. arizonæ 50  
     tristis 50  
*Cinclus americanus* 66  
     mexicanus 66  
*Circus cyaneus* var. hudsonius 31  
     hudsonius 31  
     uliginosus 31  
*Cistothorus palustris* 70  
     paludicola 70  
     plesius 70  
*Clangula albeola* 20  
     americana 19  
     clangula americana 19  
     glaucion americana 19  
     hyemalis 20  
     islandica 19  
*Cleptes nuttalli* 45  
*Clivicola riparia* 61  
*Coccyborus cæruleus* 60  
*Coccothraustes vespertinus* 48  
     montanus 48  
*Coccyzus americanus* 36  
     occidentalis 36  
     erythrophthalmus 36  
*Colaptes auratus* 39  
     luteus 39  
     mexicanus 39  
     var. hybridus 39  
     ayersi 39  
     cafer 39  
         collaris 39  
         hybridus 39  
         mexicanus 39  
         saturator 39  
     collaris 39  
     chrysoides 78  
     mexicanus 39  
*Collurio borealis* 61  
     elegans 78  
     ludovicianus 62  
         var. excubitoroides 62  
         var. robustus 78  
*Collyrio excubitoroides* 61  
*Columba carolinensis* 31  
     fasciata 30  
     monilis 30  
*Columbigallina passerina* 31  
     pallescens 31  
*Colymbus arcticus* var. pacificus 10  
     auritus 9  
     californicus 9  
     dominicus 75  
         brachypterus 75  
     glacialis 9  
     nigricollis 9  
         californicus 9  
     pacificus 10  
     septentrionalis 10  
     torquatus 9  
*Contopus borealis* 43  
     richardsoni 43  
         saturatus 43  
     virens var. richardsoni 43  
*Coot, American* 24  
*Cormorant, Baird* 16  
     Brandt 16  
     Farallone 16  
*Corone americana* 46  
*Corvus americanus* 46  
     hesperis 46  
     var. caurinus 46  
     cacalotl 46  
     carnivorus 46  
     catatotl 46  
     caurinus 46  
     corax 46  
         carnivorus 46  
         sinuatus 46  
     cryptoleucus 46  
     frugivorus 46  
     ossifragus 46  
*Cosmonetta histrionica* 20  
*Coturniculus passerinus* 51  
     perpallidus 51  
     savannarum bimaculatus 51  
*Cotyle riparia* 61  
     serripennis 61  
*Cowbird* 47  
*Crane, Little Brown* 76  
     Sandhill 23  
     Whooping 76  
*Creagrus furcatus* 75  
*Creciscus coturniculus* 76  
     jamaicensis 24  
*Creeper, California* 70  
     Sierra 70  
*Crossbill, Sierra* 49  
*Crow, California* 46  
*Crymophilus fulicarius* 24  
*Cryptoglaux acadica* 35  
*Cuckoo, California* 36  
*Culicivora atricapilla* 73  
     cærulea 72  
*Curlew, Eskimo* 77  
     Hudsonian 27

- Long-billed 27  
*Curvirostra americana* 49  
*Cyanocephalus cyanocephalus* 47  
*Cyanocitta californica* 45  
     *floridana californica* 45  
     *stelleri* 45  
         *carbonacea* 45  
         *frontalis* 45  
*Cyanocorax californicus* 45  
*Cyanospiza amœna* 60  
*Cyanura stelleri* 45  
     *frontalis* 45  
*Cyclorhynchus psittacus* 10  
*Cygnus americanus* 22  
     *buccinator* 22  
*Cymochorea homochroa* 16  
     *leucorhoa* 15  
     *melania* 16  
*Cypseloides borealis* 40  
     *niger* 40  
         *borealis* 40  
*Cypselus saxatilis* 40  
  
*DAFILA* *acuta* 18  
     *caudacuta* 18  
*Daption capensis* 15  
*Dendragapus fuliginosus* 30  
     *obscurus* 30  
         *fuliginosus* 30  
*Dendrocopus gairdneri* 37  
     *harrisi* 37  
     *nuttalli* 37  
     *scalaris* 37  
*Dendrocygna fulva* 22  
*Dendroica æstiva* 64  
     *morcomi* 64  
     *rubiginosa* 64  
     *auduboni* 64  
     *cærulescens* 64  
     *coronata* 64  
         *hooveri* 64  
     *graciæ* 79  
     *maculosa* 64  
     *negrescens* 64  
     *occidentalis* 65  
     *palmarum* 65  
     *townsendi* 65  
*Diomedea albatrus* 14  
     *brachyura* 14  
     *fuliginosa* 14  
     *melanophrys* 75  
     *nigripes* 14  
*Dipper, American* 66  
*Dolichonyx oryzivorus* 47  
*Dove, Mexican Ground* 31  
     *Mourning* 31  
     *White-winged* 31  
  
*Dowitcher, Long-billed* 25  
*Duck, Fulvous Tree* 22  
     *Harlequin* 20  
     *Lesser Scaup* 19  
     *Ring-necked* 19  
     *Ruddy* 20  
     *Scaup* 19  
     *Wood* 18  
*Dryobates lucasanus* 37  
     *nuttalli* 37  
     *pubescens* 37  
         *gairdneri* 37  
         *homorus* 37  
         *leucurus* 37  
         *oreceus* 37  
         *turati* 37  
     *scalaris* 37  
         *bairdi* 37  
         *lucasanus* 37  
         *villosus harrisi* 37  
         *hyloscopus* 37  
*Dryocopus pileatus* 38  
*Dryotomus pileatus* 38  
*Dytes auritus* 9  
     var. *californicus* 9  
     *nigricollis californicus* 9  
  
*EAGLE, Bald* 33  
     *Golden* 33  
*Ectopistes carolinensis* 31  
*Egret, American* 23  
*Eider, King* 20  
*Elanus dispar* 31  
     *glaucus* 31  
     *leucurus* 31  
*Emberiza belli* 54  
     *graminea* 50  
     *grammaca* 52  
     *pallida* 53  
     *passerina* 51  
     *rostrata* 51  
     *savanna* 51  
     *socialis* 53  
*Embernagra blandingiana* 59  
     *chlorura* 59  
*Empidonax cineritius* 43  
     *difficilis* 43  
     *flaviventris* 43  
         *difficilis* 43  
     *griseus* 44  
     *hammondi* 43  
     *insulicola* 43  
     *obscurus* 43, 44  
     *pusillus* 43  
     *trailli* 43  
         var. *pusillus* 43  
     *wrighti* 43

- Endomychura hypoleuca* 11  
*Ephialtes asio* 35  
     *choliba* 35  
*Eremophila alpestris chrysolæma* 44  
     *cornuta* 44  
*Ereunetes occidentalis* 26  
     *petrificatus* 26  
     *pusillus* 26  
         *occidentalis* 26  
*Erismatura jamaicensis* 20  
     *rubida* 20  
*Erythrospiza frontalis* 49  
     *purpurea* 49  
*Eudromias montanus* 28  
*Eugenus fulgens* 78  
  
*FALCINELLUS* *cayanensis* 22  
*Falco anatum* 33  
     *columbarius suckleyi* 33  
         var. *richardsoni* 33  
     *communis* var. *anatum* 33  
         var. *nævius* 33  
     *ferrugineus* 33  
     *lanarius* 33  
     *lithofalco* 33  
         var. *suckleyi* 33  
     *mexicanus* 33  
         var. *polyagrus* 33  
     *nigriceps* 33  
     *peregrinus* 33  
         *anatum* 33  
     *polyagrus* 33  
     *richardsoni* 33  
     *sparverius* 34  
         *deserticolus* 34  
  
*Falcon, Prairie* 33  
*Finch, California Purple* 49  
     *Cassin Purple* 49  
     *House* 49  
     *San Clemente House* 49  
*Flicker, Gilded* 78  
     *Northern* 39  
     *Northwestern* 39  
     *Red-shafted* 39  
*Flycatcher, Ash-throated* 42  
     *Fork-tailed* 78  
     *Gray* 44  
     *Hammond* 43  
     *Olive-sided* 43  
     *Saint Lucas* 43  
     *Traill* 43  
     *Vermillion* 44  
     *Western* 43  
     *Wright* 43  
*Fox Sparrow, Kadiak* 57  
     *Thick-billed* 58  
     *Townsend* 57  
     *Shumagin* 57  
  
     *Sooty* 57  
     *Stephens* 58  
     *Yakutat* 57  
*Fratercula cirrhata* 10  
*Fregata aquila* 17  
*Fringilla arctica* 58  
     *aurocapilla* 52  
     *crissalis* 59  
     *gambeli* 52  
     *hudsonia* 53  
     *hyemalis* 54  
     *leucophrys* 52  
     *meruloides* 57  
*Fulica americana* 24  
*Fuligula affinis* 19  
     *collaris* 19  
     *ferina* var. *americana* 19  
     *marila* 19  
     *mariloides* 19  
     *vallisneria* 19  
*Fulix affinis* 19  
     *collaris* 19  
     *marila* 19  
*Fulmar, Giant* 76  
     *Pacific* 14  
     *Rodgers* 14  
     *Slender-billed* 76  
*Fulmarus giganteus* 76  
     *glacialis* 14  
         *columba* 14  
         *glupischa* 14  
         *rogersi* 14  
     *glacialoides* 76  
     *glupischa* 14  
     *pacificus* 14  
     *rogersi* 14  
  
*GADWALL* 17  
*Galeoscoptes carolinensis* 67  
*Gallinago delicata* 25  
     *media* 25  
         *wilsoni* 25  
     *wilsoni* 25  
*Gallinula chloropus galeata* 24  
     *galeata* 24  
*Gallinule, Florida* 24  
*Gambetta flavipes* 27  
     *melanoleucus* 26  
*Garrulus californicus* 45  
     *ultrimarinus* 45  
*Garzetta candidissima* 23  
*Gavia imber* 9  
     *lumme* 10  
     *pacifica* 10  
*Geocichla nævia* 74  
*Geococcyx californianus* 36  
     *mexicanus* 36  
     *viaticus* 36

- Geothlypis macgillivrayi* 65  
     *philadelphia* var. *macgillivrayi* 65  
     *tolmiei* 65  
     *trichas* 65, 66  
         *arizela* 65  
         *occidentalis* 65, 66  
         *scirpicola* 66  
         *sinuosa* 65  
*Glaucidium californicum* 36  
     *gnoma* 36  
         *californicum* 36  
     *infuscatum* 36  
     *passerinum* var. *californicum* 36  
*Glaucionetta clangula americana* 19  
     *islandica* 19  
*Gnatcatcher, Black-tailed* 73  
     *Plumbeous* 73  
     *Western* 72  
*Godwit, Hudsonian* 77  
     *Marbled* 26  
*Golden-eye, American* 19  
     *Barrow* 19  
*Goldfinch, Arkansas* 50  
     *Lawrence* 50  
     *Willow* 50  
*Goniaphea melanocephala* 59  
*Goose, American White-fronted* 21  
     *Blue* 21  
     *Cackling* 21  
     *Canada* 21  
     *Emperor* 22  
     *Hutchins* 21  
     *Lesser Snow* 21  
     *Ross Snow* 21  
     *White-cheeked* 21  
*Goshawk, Western* 32  
*Grackle, Boat-tailed* 78  
*Graculus bairdi* 16  
     *dilophus* 16  
     *penicillatus* 16  
     *violaceus* 16  
         var. *bairdi* 16  
*Grebe, American Eared* 9  
     *Holboell* 9  
     *Horned* 9  
     *Pied-billed* 9  
     *San Domingo* 75  
     *Western* 9  
*Grosbeak, Black-headed* 59  
     *California Pine* 49  
     *Rose-breasted* 59  
     *Western Blue* 60  
     *Western Evening* 48  
*Grouse, Columbian Sharp-tailed* 30  
     *Oregon Ruffed* 30  
     *Sage* 30  
     *Sooty* 30  
*Grus americana* 76  
     *canadensis* 23, 76  
         *mexicana* 23  
     *mexicana* 23  
*Guillemot, Pigeon* 11  
*Guiraca cærulea* 60  
     *eurhyncha* 60  
     *lazula* 60  
     *melanocephala* 59  
*Gull, Bonaparte* 13  
     *California* 12  
     *Glaucous* 12  
     *Glaucous-winged* 12  
     *Heermann* 13  
     *Herring* 12  
     *Mew* 12  
     *Ring-billed* 12  
     *Sabine* 13  
     *Short-billed* 12  
     *Swallow-tailed* 75  
     *Western* 12  
*Gymnogyps californianus* 31  
*Gymnokitta cyanocephala* 47  
  
*HABIA melanocephala* 59  
*Hæmatopus ater* 29  
     *bachmani* 29  
     *frazari* 29  
     *niger* 29  
     *palliatu* 29  
     *townsendi* 29  
*Haliaeetus leucocephalus* 33  
*Harelda glacialis* 20  
     *hyemalis* 20  
*Harporhynchus bendirei* 67  
     *crissalis* 67  
     *lecontei* 67  
     *redivivus* 67  
         *pasadenensis* 67  
         *lecontei* 67  
*Hawk, American Rough-legged* 32  
     *Cooper* 32  
     *Desert Sparrow* 34  
     *Duck* 33  
     *Ferruginous Rough-legged* 33  
     *Gruber* 77  
     *Harris* 77  
     *Marsh* 31  
     *Pigeon* 33  
     *Red-bellied* 32  
     *Swainson* 32  
     *Western Red-tailed* 32  
     *Western Sharp-shinned* 32  
     *Zone-tailed* 32  
*Hedymeles melanocephalus* 59  
     var. *capitalis* 59  
*Heleodytes brunneicapillus* 68

- bryanti 68  
*Helinaia celata* 64  
*Helminthophaga celata* 63  
     var. *lutescens* 63  
     *ruficapilla* 63  
     var. *gutturalis* 63  
*Helminthophila celata* 63  
     *lutescens* 63  
     *sordida* 63  
         *luciae* 79  
         *peregrina* 64  
         *rubricapilla gutturalis* 63  
         *ruficapilla gutturalis* 63  
         *sordida* 63  
*Helodromas solitarius cinnamomeus* 27  
 Henhawk, Cooper 77  
*Herodias alba egretta* 23  
     *egretta* 23  
         var. *californica* 23  
 Heron, Anthony Green 23  
     Black-crowned Night 23  
     Great Blue 23  
     Snowy 23  
*Hesperiphona vespertina* 48  
     *montana* 48  
*Hesperocichla naevia* 74  
     *meruloides* 74  
*Heteractitis incanus* 27  
*Heteropygia bairdi* 26  
*Heteroscelus brevipes* 27  
     *incanus* 27  
*Himantopus mexicanus* 25  
     *nigricollis* 25  
*Hirundo bicolor* 60  
     var. *vespertina* 60  
     *erythrogastra* 60  
         *palmeri* 60  
     *fulva* 60  
     *horreorum* 60  
     *lunifrons* 60  
     *rufa* 60  
     *thalassina* 61  
*Histrionicus histrionicus* 20  
     *minutus* 20  
     *torquatus* 20  
*Horizopus richardsoni* 43  
 Hummingbird, Allen 41  
     Anna 41  
     Black-chinned 41  
     Broad-tailed 41  
     Calliope 42  
     Costa 41  
     Floresi 41  
     Rivoli 78  
     Rufous 41  
     Violet-throated 78  
*Hydrobata mexicana* 66  
*Hydrochelidon fissipes* 14  
     *lariformis* 14  
     *nigra* 14  
         *surinamensis* 14  
     *plumbea* 14  
     *surinamensis* 14  
*Hydroprogne caspia* 13  
*Hylocichla aonalaschkæ* 73  
     *sequoiensis* 74  
     *slevini* 73  
     *verecunda* 73  
     *ustulata* 73  
     *œdica* 73  
*Hylotomus pileatus* 38  
*Hypotriorchis columbarius* 33  
 IBIS *mexicanus* 22  
     *ordi* 22  
     *thalassinus* 22  
 Ibis, White-faced Glossy 22  
     Wood 22  
*Icteria virens longicauda* 66  
     *viridis* 66  
     *longicauda* 66  
*Icterus bullocki* 48  
     *cucullatus* 48  
         *nelsoni* 48  
     *parisorum* 48  
     *pecoris* 47  
     *tricolor* 48  
 JAEGER, Long-tailed 11  
     Parasitic 11  
     Pomarine 11  
 Jay, California 45  
     Coast 45  
     Blue-fronted 45  
     Gray 46  
     Oregon 46  
     Pinyon 47  
     Santa Cruz Island 46  
     Woodhouse 45  
*Junco caniceps* 54  
     *hyemalis* 53  
         *oregonus* 53, 54  
         *pinosus* 54  
         *shufeldti* 53  
         *thurberi* 53  
     *oregonus* 53  
         *pinosus* 54  
         *shufeldti* 53  
         *thurberi* 53  
     *oregonus* 53, 54  
     *pinosus* 54  
 Junco, Gray-headed 54  
     Oregon 53  
     Point Pinos 54  
     Shufeldt 53

- Sierra 53  
Slate-colored 53
- KILLDEER 28
- Kingbird, Arkansas 42  
Cassin 42  
Common 42
- Kingfisher, Belted 36  
Texas 77
- Kinglet, Ruby-crowned 72  
Sitka 72  
Western Golden-crowned 72
- Kite, White-tailed 31
- Kittiwake, Pacific 11
- Knot 25
- LANIUS anthonyi 62  
borealis 61  
invictus 61  
elegans 62  
excubitorides 62  
ludovicianus 62  
anthonyi 62  
excubitorides 61, 62  
gambeli 62  
robustus 78  
septentrionalis 61
- Lanivireo cassini 62  
solitarius 62  
var. cassini 62
- Lark, Desert Horned 44  
Dusky Horned 44  
Island Horned 45  
Mexican Horned 44  
Ruddy Horned 44  
Streaked Horned 44
- Larus argentatus 12  
smithsonianus 12  
var. occidentalis 12  
brachyrhynchus 12  
cachinnans 12  
californicus 12  
canus 12  
var. brachyrhynchus 12  
delawarensis 12  
glaucescens 12  
glaucus 12  
heermanni 13  
hutchinsi 12  
occidentalis 12  
philadelphia 12  
sabinei 13  
smithsonianus 12  
vegæ 12
- Leptostoma longicauda 36
- Leucocarpus albolarvatus 38
- Leucosticte, Grey-crowned 49
- Leucosticte tephrocotis 49
- Limonites minutilla 26
- Limosa fedoa 26  
hæmastica 77  
hudsonica 77
- Linaria pinus 50
- Lobipes lobatus 25
- Lomvia californica 11  
troile 11  
californica 11
- Loon, Common 9  
Pacific 10  
Red-throated 10
- Lophodytes cucullatus 17
- Lophophanes inornatus 70
- Lophortyx californicus 29, 30  
brunescens 29  
vallicolus 29, 30  
gambeli 30
- Loxia americana 49  
curvirostra 49  
bendirei 49  
minor 49  
stricklandi 49  
var. americana 49
- Lunda cirrhata 10
- MACRORHAMPHUS griseus 25  
scolopaceus 25  
scolopaceus 25
- Magpie, American 45  
Yellow-billed 45
- Mallard 17
- Man-'o-War Bird 17
- Mareca americana 18  
penelope 17, 18
- Martin, Western 60
- Meadowlark, Western 48
- Megalestris skua 11
- Megascops asio 35  
bendirei 35  
kennicotti 35  
flammeolus 35  
idahoensis 35
- Melanerpes albolarvatus 38  
erythrocephalus 78  
formicivorus 39  
bairdi 39  
melanopogon 39  
ruber 38  
rubrigularis 38  
torquatus 39  
uropygialis 39
- Melanetta velvetina 20
- Mellisuga anna 41
- Melopelia leucoptera 31
- Melospiza cinerea clementæ 56  
cleonensis 55  
cooperi 56

- fallax 54  
 gouldi 55  
 graminea 56  
 heermanni 56  
 merrilli 55  
 montana 55  
 morphna 55  
 phæa 55  
 pusillula 56  
 samuelis 55  
 santæcrucis 56  
 clementæ 56  
 fallax 54, 55  
 fasciata 55  
     clementæ 56  
     cooperi 56  
     graminea 56  
     guttata 55  
     heermanni 56  
     ingersolli 55  
     montana 55  
*Melospiza fasciata* pusillula 56  
     rufina 55  
     samuelis 55, 56  
     var. fallax 55  
 gouldi 55  
 graminea 56  
 heermanni 55, 56  
 lincolni 57  
     striata 57  
 melodia clementæ 56  
     cleonensis 55  
     cooperi 56  
     fallax 54  
     gouldi 55  
     heermanni 56  
     montana 55  
     morphna 55  
     pusillula 56  
     samuelis 55  
     santæcrucis 56  
 pusillula 56  
 rufina 55  
 samuelis 56  
*Merganser, American* 17  
     Hooded 17  
     Red-breasted 17  
*Merganser americanus* 17  
     serrator 17  
*Mergus cassinii* 10  
*Mergus americanus* 17  
     cucullatus 17  
     merganser americanus 17  
     serrator 17  
*Merlin, Black* 33  
     Richardson 33  
*Merula confinis* 74  
     migratoria propinqua 74  
*Micrathene whitneyi* 36  
*Micropallas whitneyi* 36  
*Micropus melanoleucus* 40  
*Micruria hypoleuca* 11  
*Milvulus tyrannus* 78  
*Mimus carolinensis* 67  
     caudatus 67  
     montanus 66  
     polyglottos 67  
         leucopterus 67  
*Mniotilta varia* 63  
 Mockingbird, Western 67  
*Molothrus ater* 47  
     obscurus 47  
     pecoris 47  
*Mormon cirrhata* 10  
 Murre, California 11  
 Murrelet, Ancient 10  
     Marbled 10  
     Xantus 11  
*Muscicapa semiatra* 42  
*Myadestes townsendi* 73  
*Myiarchus cinerascens* 42  
     crinitus var. cinerascens 42  
     mexicanus 42  
*Myiobius crinitus* 42  
     nigricans 42  
     pusilla 43  
     saya 42  
*Myiodiocetes pusillus* 66  
     pileolatus 66  
*NECTRIS fuliginosus* 15  
*Nephæcetes niger* 40  
*Nettion carolinensis* 18  
     crecea 18  
*Nighthawk* 40  
     Texas 40  
     Western 40  
*Nisus cooperi* 32  
     var. mexicanus 32  
*Nucifraga columbiana* 46  
*Numenius borealis* 77  
     hudsonicus 27  
     longirostris 27  
*Nutcracker, Clark* 46  
*Nuthatch, Pygmy* 70  
     Red-breasted 70  
     Slender-billed 70  
*Nuttallornis borealis* 43  
*Nyctale acadica* 35  
     albifrons 35  
*Nyctea nyctea* 35  
*Nyctiardea gardeni* 23  
     grisea nævia 23  
*Nycticorax griseus nævius* 23

- naevius 23  
 nycticorax 23  
     naevius 23  
*Nyroca americana* 19  
   *erythrocephala* 19  
   *ferina* 19  
   *vallisneria* 19  
*OCEANITES oceanica* 15  
*Oceanodroma furcata* 15  
   *homochroa* 16  
   *kaedingi* 15  
   *leucorhoa* 15  
   *melania* 16  
   *socorroensis* 16  
   *townsendi* 16  
*Oedemia perspicillata* var. *trowbridgei* 20  
*Oenops aura* 31  
   *californiana* 31  
*Oidemia americana* 20  
   *deglandi* 20  
   *fusca* 20  
   *perspicillata* 20  
*Old-squaw* 20  
*Olor buccinator* 22  
   *columbianus* 22  
*Onychotes gruberi* 77  
   *solitarius* 77  
*Oreortyx pictus* 29  
   *confinis* 29  
   *plumiferus* 29  
*Oreospiza chlorura* 59  
*Oriole, Arizona Hooded* 48  
   *Bullock* 48  
   *Scott* 48  
*Ornismya anna* 41  
*Oroscoptes montanus* 66  
*Ortygops noveboracensis* 24  
*Ortyx californica* 29, 30  
   *picta* 29  
   *plumifera* 29  
*Osprey, American* 34  
*Ossifraga gigantea* 76  
*Otocoris alpestris* 44  
   *arenicola* 44  
   *chrysolæma* 44  
   *insularis* 45  
   *leucolæma* 44  
   *merrilli* 44  
   *rubea* 44, 45  
   *strigata* 44, 45  
   *chrysolæma* 44  
   *insularis* 45  
   *rubea* 44  
   *rufa* 44  
   *strigata* 44  
*Otus brachyotus* 34  
   *vulgaris wilsonianus* 34  
   *wilsonianus* 34  
*Owl, American Barn* 34  
   *American Long-eared* 34  
   *Burrowing* 36  
   *California Pygmy* 36  
   *California Screech* 35  
   *Dusky Horned* 35  
   *Dwarf Screech* 35  
   *Elf* 36  
   *Flammulated Screech* 35  
   *Great Gray* 34  
   *Kennicott Screech* 35  
   *Pacific Horned* 35  
   *Pygmy* 36  
   *Saw-whet* 35  
   *Short-eared* 34  
   *Snowy* 35  
   *Spotted* 34  
*Oxyechus vociferus* 28  
*Oyster-catcher, Black* 29  
   *Frazar* 29  
*PANDION carolinensis* 34  
   *haliæetus* 34  
   *haliæetus carolinensis* 34  
*Panyptila melanoleuca* 40  
*Parabuteo unicinctus harrisi* 77  
*Paroides flaviceps* 72  
*Partridge, California* 29  
   *Gambel* 30  
   *Mountain* 29  
   *Painted* 29  
   *Valley* 30  
*Parus atricapillus* 79  
   *occidentalis* 79  
   *fasciatus* 71  
   *gambeli* 71  
   *inornatus* 70  
     *griseus* 71  
   *minimus* 72  
   *montanus* 71  
   *occidentalis* 79  
   *rufescens* 71  
     *barlowi* 71  
     *neglectus* 71  
*Passerculus alaudinus* 51  
   *anthinus* 51  
   *beldingi* 51  
   *rostratus* 51  
   *saunderichensis* 51  
     *alaudinus* 51  
     *bryanti* 51  
   *savanna* 51  
     *var. alaudinus* 51  
     *var. anthinus* 51  
*Passerella iliaca* 57

- annectens 57  
 fuliginosa 57  
 insularis 57  
 megarhyncha 58  
 meruloides 57  
 schistacea 58  
 stephensi 58  
 townsendi 57  
 unalaschcensis 57  
 megarhyncha 58  
 schistacea 58  
     var. megarhyncha 58  
 townsendi 57  
     var. schistacea 58  
 unalaschcensis 57  
*Passerina amœna* 60  
*Pediœcetes columbianus* 30  
     phasainellus columbianus 30  
*Pelecanus californicus* 17  
     erythrorhynchos 16  
     fuscus 17  
         californicus 17  
     molinae 16  
     trachyrhynchus 16  
*Pelican, American White* 16  
     California Brown 17  
*Pelidna alpina americana* 26  
     americana 26  
*Pelionetta perspicillata* 20  
     trowbridgei 20  
*Perisoreus canadensis* 46  
     var. obscurus 46  
     obscurus 46  
     griseus 46  
*Petrel, Ashy* 16  
     Black 16  
     Fork-tailed 15  
     Kaeding 15  
     Leach 15  
     Pintado 15  
     Socorro 16  
*Petrochelidon lunifrons* 60  
     pyrrhouota 60  
*Peucaea lincolni* 57  
     ruficeps 54  
*Pewee, Western Wood* 43  
*Phæthon æthereus* 76  
*Phainopepla* 61  
*Phainopepla nitens* 61  
*Phalacrocorax auritus albociliatus* 16  
     cincinatus 16  
     dilophus 16  
         albociliatus 16  
         cincinatus 16  
         var. floridanus 16  
     pelagicus 16  
         resplendens 16  
             robustus 16  
             penicillatus 16  
             resplendens 16  
             townsendi 16  
             violaceus 16  
                 resplendens 16  
*Phalænoptilus nuttalli* 39, 40  
     californicus 40  
     nitidus 39  
*Phalarope, Northern* 25  
     Red 24  
     Wilson 25  
*Phalaropus fulicarius* 24  
     hyperboreus 25  
     lobatus 25  
     tricolor 25  
     wilsoni 25  
*Philacte canagica* 22  
*Phileremos cornutus* 44, 45  
*Phœbe* 42  
     Black 42  
     Say 42  
*Phœbetria fuliginosa* 14  
*Pica caudata* var. nuttalli 45  
     hudsonica 45  
     melanoleuca nuttalli 45  
         var. hudsonica 45  
     nuttalli 45  
     pica 45  
         hudsonica 45  
*Picicorvus columbianus* 46  
*Picoides arcticus* 38  
     tenuirostris 38  
         tenuirostris 38  
*Picus albolarvatus* 38  
     formicivorus 39  
     gairdneri 37  
     harrisi 37  
     meridionalis 37  
     nuttalli 37  
     pubescens gairdneri 37  
     ruber 38  
     scalaris 37  
         var. nuttalli 37  
     thyroideus 38  
     torquatus 39  
     varius 38  
     villosus 37  
         harrisi 37  
*Pigeon, Band-tailed* 30  
*Pinicola californica* 49  
     canadensis 49  
     enucleator californica 49  
         var. canadensis 49  
*Pintail* 18  
*Pipilo aberti* 59  
     arcticus 58

- chlorurus 59  
 clementæ 58  
 crissalis 59  
     carolæ 59  
     senicula 59  
 erythrophthalmus oregonus 58  
 fuscus 59  
     carolæ 59  
     crissalis 59  
     senicula 59  
 maculatus atratus 58  
     clementæ 58  
     falcofer 58  
     megalonyx 58  
     oregonus 58  
 megalonyx 58  
 oregonus 58  
 Pipit, American 66  
 Piranga æstiva cooperi 78  
     ludoviciana 60  
     rubra cooperi 78  
     rubriceps 78  
 Platea mexicana 76  
 Plegadis guarana 22  
 Plover, American Golden 28  
     Black-bellied 27  
     Little Ring 28  
     Mountain 28  
     Semipalmated 28  
     Snowy 28  
     Wilson 28  
 Pluvialis virginiana 28  
 Podasocys montanus 28  
 Podiceps auritus var. californicus 9  
     californicus 9  
     clarkii 9  
     cornutus 9  
     cooperi 9  
     cristatus 9  
     dominus 9  
     occidentalis 9  
 Podiceps californicus 9  
 Podilymbus carolinensis 9  
     lineatus 9  
     podiceps 9  
     podiceps 9  
 Polioptila cærulea 72  
     obscura 72  
     californica 73  
     melanura 73  
     plumbea 73  
 Polyborus auduboni 77  
     cheriway 77  
     tharus 77  
         var. auduboni 77  
 Pooecetes gramineus 50  
     affinis 50
- confinis 50  
 Poor-will 39  
     Dusky 40  
     Frosted 39  
 Poospiza belli 54  
     var. nevadensis 54  
 Porzana carolina 24  
     coturniculus 76  
     jamaicensis 24  
         coturniculus 76  
     noveboracensis 24  
 Priocella glacialoides 76  
 Priofinus cinereus 15  
 Procellaria capensis 15  
     hæsitata 15  
     melania 16  
 Progne chalybea 60  
     purpurea 60  
     subis 60  
         hesperia 60  
 Psaltria minima 72  
 Psaltriparus minimus 72  
     californicus 72  
     plumbeus 72  
 Pseudogryphus californianus 31  
 Pterocyanea cœruleata 18  
     discors 18  
 Ptilogonys nitens 61  
     townsendi 73  
 Ptychoramphus aleuticus 10  
 Puffinus bulleri 14  
     cinereus 15  
     creatopus 14  
     fuliginosus 15  
     gavia 15  
     griseus 15  
     melanurus 15  
     opisthomelas 15  
     stricklandi 15  
     tenuirostris 15  
 Puffin, Tufted 10  
 Pyrocephalus rubineus 44  
     mexicanus 44  
         mexicanus 44  
 Pyrrhuloxia, Arizona 59  
 Pyrrhuloxia sinuata 59  
 QUERQUEDULA carolinensis 18  
     cyanoptera 18  
     discors 18  
 Quiscalus major 78  
     mexicanus 48  
     purpureus 48  
 RAIL, Black 24  
     California Clapper 23  
     Farallone 76  
     Southern California Clapper 24

- Virginia 24  
 Yellow 24  
*Rallus elegans* 23, 24  
     var. *obsoletus* 23  
     *levipes* 24  
     *obsoletus* 23, 24  
     *virginianus* 24  
 Raven, American 46  
     White-necked 46  
*Recurvirostra americana* 25  
     *occidentalis* 25  
 Redhead 19  
 Redpoll 50  
 Redstart, American 66  
*Regulus calendula* 72  
     *grinnelli* 72  
     *satrapa* 72  
     *olivaceus* 72  
*Rhinogryphus aura* 31  
*Rhyacophilus solitarius* 27  
*Rissa kotzebuei* 11  
     *pollicaris* 11  
     *tridactyla kotzebuei* 11  
     *pollicaris* 11  
 Road-runner 36  
 Robin, Saint Lucas 74  
     Western 74  
*Rynchaspis clypeata* 18  
  
*SAGMATORRHINA suckleyi* 10  
*Salpinctes obsoletus* 68  
     *pulverius* 68  
     *pulverius* 68  
 Sanderling 26  
 Sandpiper, Baird 26  
     Least 26  
     Pectoral 25  
     Red-backed 26  
     Spotted 27  
     Western 26  
     Western Solitary 27  
     White-rumped 26  
 Sapsucker, Red-breasted 38  
     Red-naped 38  
     Sierra 38  
     Williamson 38  
*Sarcoramphus californicus* 31  
*Sayornis nigricans* 42  
     *semiatra* 42  
     *pallida* 42  
     *phœbe* 42  
     *saya* 42  
*Scolecophagus cyanocephalus* 48  
     *ferrugineus* 48  
     *mexicanus* 48  
*Scolopax grisea* 25  
     *noveboracensis* 25  
     *wilsoni* 25  
*Scops asio* 35  
     *bendirei* 35  
     var. *mccalli* 35  
     *flammeolus* 35  
     *trichopsis* 35  
 Scoter, American 20  
     Surf 20  
     White-winged 20  
*Scotiaptex cinerea* 34  
*Seiurus noveboracensis notabilis* 65  
*Selasphorus alleni* 41  
     *anna* 41  
     *calliope* 42  
     *costæ* 41  
     *floresii* 41  
     *henshawii* 41  
     *platycercus* 41  
     *ruber* 41  
     *rubromitratus* 41  
     *rufus* 41  
*Setophaga ruticilla* 66  
 Shearwater, Black-tailed 15  
     Black-vented 15  
     Buller 14  
     Dark-bodied 15  
     Pink-footed 14  
     Slender-billed 15  
 Shoveller 18  
 Shrike, Baird 78  
     California 62  
     Island 62  
     Northwestern 61  
     White-rumped 61  
*Sialia arctica* 74  
     *mexicana* 74  
         *anabelæ* 74  
         *occidentalis* 74  
     *occidentalis* 74  
 Siskin, Pine 50  
*Sitta aculeata* 70  
     *canadensis* 70  
     *carolinensis* 70  
         *aculeata* 70  
     *pygmæa* 70  
 Skua 11  
 Snipe, Wilson 25  
 Soletaire, Townsend 73  
*Somateria spectabilis* 20  
 Song Sparrow, Desert 54  
     Heermann 56  
     Marin 55  
     Mendocino 55  
     Merrill 55  
     Mountain 55  
     Oregon 55  
     Rusty 55

- Salt Marsh 56
- Samuels 55
- San Clemente 56
- San Diego 56
- Santa Barbara 56
- Santa Cruz 56
- Sora 24
- Sparrow, Belding Marsh 51
  - Bell 54
  - Black-chinned 53
  - Brewer 53
  - Bryant Marsh 51
  - Desert Black-throated 54
  - Forbush 57
  - Fox-colored 57
  - Golden-crowned 52
  - Harris 52
  - Intermediate 52
  - Large-billed Marsh 51
  - Lincoln 57
  - Nelson 51
  - Nuttall 52
  - Oregon Vesper 50
  - Rufous-crowned 54
  - Sage 54
  - Sandwich 51
  - Slate-colored 58
  - Song, 54, 55, 56
  - Western Chipping 53
  - Western Grasshopper 51
  - Western Lark 52
  - Western Savanna 51
  - Western Tree 52
  - Western Vesper 50
  - White-crowned 52
  - White-throated 52
- Spatula clypeata 18
- Speotyto cunicularia 36
  - hypogæa 36
  - obscura 36
- Sphyrapicus nuchalis 38
  - ruber 38
  - thyroideus 38
  - varius 38
    - daggetti 38
    - nuchalis 38
    - ruber 38
    - williamsoni 38
- Spinus lawrencei 50
  - pinus 50
  - psaltria 50
    - arizonæ 50
  - tristis 50
    - salicamans 50
- Spiza amœna 60
- Spizella atrogularis 53
  - breweri 53
  - domestica arizonæ 53
  - monticola ochracea 52
  - pallida 53
    - var. breweri 53
  - socialis 53
    - arizonæ 53
- Spoonbill, Roseate 76
- Squatarola helvetica 27
  - squatarola 27
- Steganopus tricolor 25
- Stelgidopteryx ruficollis serripennis 61
  - serripennis 61
- Stellula calliope 42
- Stercorarius catarractes 11
  - longicaudus 11
  - parasiticus 11
  - pomarinus 11
  - skua 11
- Sterna antillarum 14
  - caspia 13
  - cayanensis 13
  - elegans 13
  - forsteri 13
  - galericulata 13
  - hirundo 75
  - macrura 13
  - maxima 13
  - nigra 14
  - paradisæa 13
  - pikei 13
  - regia 13
  - superciliaris var. antillarum 14
  - tschegrava 13
- Stilt, Black-necked 25
- Streptopelia interpres 29
  - melanocephalus 29
- Strigiceps uliginosus 34
- Strix cunicularia 36
  - flammea americana 34
    - pratricula 34
    - frontalis 35
    - occidentalis 34
    - perlata 34
    - pratricula 34
- Struthus oregonus 53, 54
- Sturnella hippocrepus 48
  - magna neglecta 48
  - neglecta 48
- Surf Bird 28
- Swallow, Bank 61
  - Cliff 60
  - Rough-winged 61
  - Tree 60
  - Violet-green 61
  - Western Barn 60
- Swan, Trumpeter 22
  - Whistling 22

- Swift, Black 40  
     Vaux 40  
     White-throated 40  
*Sylvania pusilla* 66  
     *pileolata* 66  
*Sylvicola aestiva* 64  
     *auduboni* 64  
     *nigrescens* 64  
*Symphemia semipalmata* 27  
     *inornata* 27  
*Synthliboramphus antiquus* 10  
*Syrnium cinereum* 34  
     *nebulosum* 34  
     *occidentale* 34  
 TACHYCINETA bicolor 60  
     *lepidula* 61  
     *thalassina* 61  
*Tachypetes aquilus* 17  
*Tanager, Cooper* 78  
     *Gray* 78  
     *Western* 60  
*Tantalus loculator* 22  
*Tattler, Wandering* 27  
*Teal, Blue-winged* 18  
     *Cinnamon* 18  
     *European* 18  
     *Green-winged* 18  
*Telmatodytes palustris paludicola* 70  
*Tern, Arctic* 13  
     *Black* 14  
     *Caspian* 13  
     *Common* 75  
     *Elegant* 13  
     *Forster* 13  
     *Least* 14  
     *Royal* 13  
*Tetrao columbianus* 30  
     *obscurus* 30  
     *phasianellus* 30  
     *sabini* 30  
     *uropasianus* 30  
*Thalasseus elegans* 13  
     *regius* 13  
*Thalassidroma leachi* 15  
     *melania* 16  
*Thalassogeron culminatus* 75  
*Thrasher, Bendire* 67  
     *California* 67  
     *Crissal* 67  
     *Leconte* 67  
     *Pasadena* 67  
     *Sage* 66  
*Thrush, Coast Hermit* 73  
     *Dwarf Hermit* 73  
     *Monterey Hermit* 73  
     *Northern Varied* 74  
     *Russet-backed* 73  
     *Sierra Hermit* 74  
     *Varied* 74  
*Thryomanes bewicki charienturus* 69  
     *drymceus* 68  
     *eremophilus* 69  
     *leucophrys* 69  
     *nesophilus* 69  
     *spilurus* 68  
         *leucophrys* 69  
         *nesophilus* 69  
*Thryothorus bewicki* 68, 69  
     *bairdi* 69  
     *spilurus* 68, 69  
         *leucophrys* 69  
         *spilurus* 68, 69  
*Tinnunculus sparverius* 34  
*Titmouse, Gray* 71  
     *Plain* 70  
*Totanus flavipes* 27  
     *macularius* 27  
     *melauleucus* 26  
     *semipalmatus* 27  
     *solitarius* 27  
         *cinnamomeus* 27  
*Towhee, Abert* 59  
     *Anthony* 59  
     *California* 59  
     *Green-tailed* 59  
     *Oregon* 58  
     *San Clemente* 58  
     *San Francisco* 58  
     *Spurred* 58  
*Toxostoma bendirei* 67  
     *crissalis* 67  
     *lecontei* 67  
     *rediviva* 67  
         *pasadensis* 67  
*Tree-duck, Fulvous* 22  
*Trichas delafieldi* 65  
     *marylandica* 66  
     *tolmiei* 65  
*Tringa alpina* 26  
     *pacifica* 26  
     *var. americana* 26  
     *arenaria* 26  
     *bairdi* 26  
     *canutus* 25  
     *fuscicollis* 26  
     *maculata* 25  
     *minutilla* 26  
     *pacifica* 26  
     *semipalmata* 26  
     *wilsoni* 26  
*Tringoides macularius* 27  
*Trochilus alexandri* 41  
     *alleni* 41

- anna<sup>41</sup>  
 calliope 42  
 costæ 41  
 floresii 41  
 icterocephalus 41  
 rufus 41  
 violajugulum 78  
 Troglodytes aedon 69  
     aztecus 69  
     parkmani 69  
     americanus 69  
     bewicki 68, 69  
         var. spilurus 68  
     domesticus parkmani 69  
     hiemalis 69  
         pacificus 69  
     mexicanus 68  
     obsoletus 68  
     palustris 70  
     parkmani 69  
     parvulus var. pacificus 69  
     spilurus 68  
     sylvestris 69  
 Tropic Bird, Red-billed 75  
 Turdus aonalaschkæ 73, 74  
     auduboni 73, 74  
     sequoiensis 73, 74  
     auduboni 74  
     guttatus 73  
     migratorius 74  
         var. propinqua 74  
     minor 73  
     nævius 74  
     nanus 73  
     pallasi 73  
         var. nanus 73  
     sequoiensis 73, 74  
 Turnstone, Black 29  
     Ruddy 29  
 Tyrannula cinerascens 42  
     hammondi 43  
     nigricans 42  
     saya 42  
     trailli 43  
     virens 43  
 Tyrannus borealis 43  
     cooperi 43  
     crinitus 42  
     nigricans 42  
     tyrannus 42  
     verticalis 42  
     vociferans 42  
 ULULA cinerea 34  
 Uria brunnichi 11  
     californica 11  
     columba 11  
     lomvia 11  
         arra 11  
         var. californica 11  
     occidentalis 10  
     ringvia 11  
     troile 11  
         californica 11  
 Urinator imber 9  
     immer 9  
     lumme 10  
     pacificus 10  
 VERDIN 72  
 Vermivora celata 63  
 Vireo, California Least 63  
     Cassin 62  
     Gray 63  
     Hutton 62  
     Plumbeous 62  
     Western Warbling 62  
     Yellow-green 62  
 Vireo belli 63  
     pusillus 63  
     cassini 62  
     flavoviridis 62  
     gilvus 62  
         swainsoni 62  
     huttoni 62  
         obscurus 62  
     pusillus 63  
         albatus 63  
     solitarius 62  
         cassini 62  
         plumbeus 62  
     swainsoni 62  
     vicinior 63  
         californicus 63  
 Vireosylvia gilva 62  
     swainsoni 62  
     solitaria 62  
     swainsoni 62  
 Vulture, California 31  
     Turkey 31  
 WARBLER, Alaska Myrtle 64  
     Alaska Yellow 64  
     Audubon 64  
     Black-and-White 63  
     Black-throated Blue 64  
     Black-throated Gray 64  
     Calaveras 63  
     Dusky 63  
     Grace 79  
     Hermit 65  
     Lucy 79  
     Lutescent 63  
     Magnolia 64

Orange-crowned 63  
 Palm 65  
 Pileolated 66  
 Tennessee 64  
 Tolmie 65  
 Townsend 65  
 Western Yellow 64

Water-Thrush, Alaska 65

Waxwing, Bohemian 61

Cedar 61

Widgeon 17

Willet, Western 27

Wilsonia pusilla pileolata 66

Woodpecker, Batchelder 37

Cabanis 37

California 39

Gairdner 37

Gila 39

Harris 37

Lewis 39

Northern Pileated 38

Nuttall 37

Red-headed 77

Saint Lucas 37

Sierra Three-toed 38

Texas 37

White-headed 38

Willow 37

Wren, Cactus 68

Canyon 68

Desert 69

Dotted Canyon 68

Parkman 69

Rock 68

San Clemente 69

San Diego 69

San Joaquin 68

San Nicolas Rock 68

Santa Cruz Island 69

Tule 70

Vigors 68

Western House 69

Western Marsh 70

Western Winter 69

Wren-tit, Intermediate 71

Northern 71

Pallid 71

XANTHOCEPHALUS icterocephalus 47

longipes 47

xanthocephalus 47

Xanthornis bullocki 48

Xema furcata 75

sabinei 13

Xenopicus albolarvatus 38

YELLOW-LEGS 27

Greater 26

Yellow-throat, Pacific 65

Salt Marsh 65

Tule 66

Western 65

Yphantis bullocki 48

ZAMELODIA ludoviciana 59

melanocephala 59

capitalis 59

microrhyncha 59

Zenaidura carolinensis 31

macroura 31

Zonotrichia albicollis 52

atricapilla 52

aurocapilla 52

coronata 52

gambeli 52

intermedia 52

graminea 50

grammaca 52

guttata 56

intermedia 52

leucophrys 52

gambeli 52

intermedia 52

nuttalli 52

querula 52

townsendi 57





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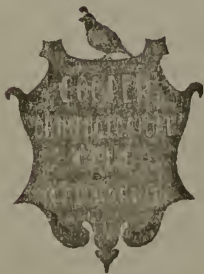
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